9 February 2015

PERFORMANCE WORK STATEMENT (PWS)

for the Inspect Repair Only as Necessary (IROAN) of the Medium Tactical Vehicle Replacement Armored Cargo Truck

TAMCN D00037K

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Part 1

General Information

1. **GENERAL**. This Performance Work Statement is for the Inspect Repair Only as Necessary (IROAN) of the Medium Tactical Vehicle Replacement (MTVR) armored cargo truck. The Government shall not exercise any supervision or control over the contract service providers performing the services herein. Such contract service providers shall be accountable solely to the Contractor who, in turn is responsible to the Government.

1.1 **Description of Services/Introduction**. The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to perform the IROAN of the MTVR armored cargo trucks as defined in this Performance Work Statement (PWS) except for those items specified as Government Furnished Property. The contractor shall perform to the standards in this contract.

1.2 **Background**. This PWS along with TM 10629-Digital Video Disc (DVD) and TM 10629A-OR/A, establishes, sets forth tasks and identifies the work efforts that shall be completed by the contractor during the IROAN effort for the Medium Tactical Vehicle Replacement (MTVR) armored cargo truck.

1.3 **Objectives**. This document contains minimum requirements to restore the MTVR armored cargo truck to Condition Code "A". Condition Code "A" is defined as "serviceable and issuable without qualification, new, used, repaired, or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction and includes materiel with more than six months shelf-life remaining"

1.4 **Scope**. The contractor shall IROAN the MTVR armored cargo trucks and upon completion of the IROAN process the MTVR armored cargo trucks shall be in condition code "A".

1.5 **Period of Performance**. The period of performance shall be for one (1) Base Year of 12 months.

1.6 General Information

1.6.1. **Turnaround Time**. The contractor shall IROAN the MTVR armored cargo truck within one hundred days (100) after induction into the IROAN cycle. "Turnaround Time" is defined as: The date the vehicle is placed into production for IROAN in the contractor's facility to the date the MTVR armored cargo trucks completes the IROAN process. Request for clarification shall be directed to the Contracting Officer.

1.6.2. **Quality Control**. The contractor shall develop and maintain an effective Quality Control Program (QCP) to ensure services are performed In Accordance With (IAW) this PWS. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The contractor's QCP is the means by which the contractor

assures that the work complies with the requirements of this contract. The contractor shall provide a QCP with the contractor's proposal. After acceptance of the QCP the contractor will receive the contracting officer's acceptance in writing of any proposed change to his quality control system. The contractor shall be, and remain, certified in Quality Management IAW ANSI/International Organization for Standardization (ISO)/American Society for Quality Control (ASQC) 9001-2008 Quality Management Systems-Requirements.

1.6.3. **Quality Assurance**.

a. The government shall evaluate the contractor's performance under this contract in accordance with the Performance Requirements Summary (PRS). This plan is primarily focused on what the Government must do to ensure that the contractor has performed in accordance with the performance standards. It defines how the performance standards will be applied, the frequency of surveillance, and the minimum acceptable defect rate(s).

b. The contractor has a key responsibility to have a Quality Assurance Surveillance Plan (QASP) in place to assure that any deficiencies are corrected as performance emerges. The QASP will be presented to the Contracting Officer (CO) for review during the start of work meeting. The contractor should consider the QASP to be a living document that will be required to be updated as issues or concerns arise in the execution of the contract requirements.

c. Defense Contract Management Agency (DCMA) Quality Assurance Representative (QAR); Program Manager Medium Tactical Vehicle Replacement (PM&HTV); Logistic Manager Specialist (LMS), or Equipment Specialist (ES) retain the right for in-process reviews and inspections of the quality of work delivered, materiel provided and documents written during IROAN process. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished. Government Quality Control agency personnel shall verify Item Unique Identification (IUID) mark and Unique Item Identification (UII) application or reapplication per Defense Federal Acquisition Regulation Supplement (DFARS) Clauses, and MIL-STD-130.

1.6.4. **Place of Performance**. The work to be performed under this contract shall be performed at the contractor facility.

1.6.5. **Type of Contract**. The government will award a Firm Fixed Price Contract.

1.6.6. **Physical Security**. The contractor shall be responsible for safeguarding all government equipment, information and property provided for contractor use. At the close of each work period, government facilities, equipment, and materials shall be secured.

1.6.7. **Post Award Conference/Periodic Progress Meetings**. The Contractor agrees to attend any post award conference convened by the contracting activity or contract administration office in accordance with Federal Acquisition Regulation Subpart 42.5. The contracting officer, Contracting Officers Representative (COR), and other Government personnel, as appropriate, may meet periodically with the contractor to review the contractor's performance. At these

meetings the contracting officer will apprise the contractor of how the Government views the contractor's performance and the contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the Government.

1.6.8. **Contracting Officer's Representative (COR)**. The (COR) will be identified by separate letter. The COR monitors all technical aspects of the contract and assists in contract administration The COR is authorized to perform the following functions: assure that the Contractor performs the technical requirements of the contract: perform inspections necessary in connection with contract performance: maintain written and oral communications with the Contractor concerning technical aspects of the contract: issue written interpretations of technical requirements, including Government drawings, designs, specifications: monitor Contractor's performance and notifies both the Contracting Officer and Contractor of any deficiencies; coordinate availability of government furnished property, and provide site entry of Contractor personnel. A letter of designation issued to the COR, a copy of which is sent to the Contractor, states the responsibilities and limitations of the COR, especially with regard to changes in cost or price, estimates or changes in delivery dates. The COR is not authorized to change any of the terms and conditions of the resulting order.

1.6.9. **Key Personnel**. The follow personnel are considered key personnel by the government: Contract Specialist, Francine Richardson; Logistics Management Specialist, Robert Hanovich; Equipment Specialist, Tony Taylor and Tim Haire. The contractor shall provide a contract manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the contractor when the manager is absent shall be designated in writing to the contracting officer. The contract manager or alternate shall have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The contract manager or alternate shall be available between 7:00 a.m. to 5:00 p.m. Monday thru Friday except Federal holidays.

1.6.10. **Identification of Contractor Employees**. All contract personnel attending meetings, and working in other situations where their contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They must also ensure that all documents or reports produced by contractors are suitably marked as contractor products or that contractor participation is appropriately disclosed.

1.6.11. **Data Rights**. The Government has unlimited rights to all documents/material produced under this contract. All documents and materials, to include the source codes of any software, produced under this contract shall be Government owned and are the property of the Government with all rights and privileges of ownership/copyright belonging exclusively to the Government. These documents and materials may not be used or sold by the contractor without written permission from the Contracting Officer. All materials supplied to the Government shall be the sole property of the Government and may not be used for any other purpose. This right does not abrogate any other Government rights.

1.6.12 **Organizational Conflict of Interest**. Contractor and subcontractor personnel performing work under this contract may receive, have access to or participate in the

development of proprietary or source selection information (e.g., cost or pricing information, budget information or analyses, specifications or work statements, etc.) or perform evaluation services which may create a current or subsequent Organizational Conflict of Interests (OCI) as defined in FAR Subpart 9.5. The Contractor shall notify the Contracting Officer immediately whenever it becomes aware that such access or participation may result in any actual or potential OCI and shall promptly submit a plan to the Contracting Officer to avoid or mitigate any such OCI. The Contractor's mitigation plan will be determined to be acceptable solely at the discretion of the Contracting Officer and in the event the Contracting Officer unilaterally determines that any such OCI cannot be satisfactorily avoided or mitigated, the Contracting Officer may affect other remedies as he or she deems necessary, including prohibiting the Contractor from participation in subsequent contracted requirements which may be affected by the OCI.

1.6.13. **Intent**. Accurate and timely physical inventories are essential to the success of the Marine Corps Total Asset Visibility mission. Controlled physical inventories are required for all assets being held by a contractor. The contractor has the responsibility for conducting physical inventories upon the initial receipt of assets. When conducting inventories, an individual thoroughly familiar with the type of items to be inventoried should be placed in charge of the inventory team.

1.6.14. **Proof of Receipt**. The contractor is responsible for physically receiving, identifying, and processing all incoming items. When a shipment of item(s) are received at the contractor, they will be physically verified by serial number against the shipping invoice document (DD Form 1149, DD Form 1348, or SF 153) to ensure the item(s) received correctly corresponds with the item(s) listed on the shipping document. Copies of the signed (receipted for) shipping document/invoice will be returned electronically to LOGCOM. When item(s) are received without the pertinent information (i.e. serial number), the contractor will send the signed shipping document with the standardized LOGCOM Discrepancy Report containing the missing information as soon as a discrepancy is identified. If discrepancies are noted on the shipping document by the contractor, such as incorrect serial numbers or incorrect quantities, simply reconcile any differences which may exist by providing a signed copy of the shipping document and a LOGCOM Discrepancy Report as soon as the discrepancy has been identified.

1.6.15. **Proof of Shipment**. At the point when Marine Corps assets have completed their contracted maintenance cycle, the contractor is responsible for creating a detailed shipping document for the transfer of custody. The shipping/transfer of custody document should contain all the necessary pertinent information, as applicable to each document, which includes the following:

(1) Unit of Issue
(2) Ship from DODAAC
(3) Ship to DODAAC
(4) Mark For
(5) Quantity Received
(6) TAMCN (if applicable)

(7) Nomenclature
(8) Signature: Person who received the assets.
(9) Date Received
(10) Document Number
(11) National Stock Number (NSN)
(12) Serial Number(s)
(13) Additional Data/Remarks: Special Instructions/Ship to Information and Serial Number changes/alterations (the serial number changes can be placed into another document/spreadsheet which clearly shows the old and replacement serial numbers)
(14) Printed Name, Number, Email Address, Company

The contractor is responsible for ensuring that the asset is transferred back to LOGCOM (or to the location directed by LOGCOM) under the same document number as it was initially receipted for prior to induction.

1.6.16. Inventory. All items at the contractor facility will be physically inventoried (wall-to-wall) annually or at the request of LOGCOM. Location verification (pre-induction, induction, post-production) will also be accomplished at this time. The inventory will be conducted in accordance with the following:

a. Prior to an inventory being conducted, LOGCOM will contact the contractor and establish a timeline with a cutoff date when results (via the LOGCOM Physical Inventory document) are to be completed. The contractor will ensure all pending transfer of custody transactions affecting the inventory have been reported to LOGCOM. All assets received during the inventory will be held in the receiving area of the contractor and not included in the inventory until after the inventory has been completed, as they have not yet been receipted for. All assets that have completed their maintenance cycle, yet are still located at the contractor during the time of the inventory will also be recorded in the inventory and labeled as 'post production'.

b. LOGCOM will provide a LOGCOM Physical Inventory document, see attachments. The contractor will provide the Document Number, TAMCN, NSN, Serial Number, Date Received, and Induction Status for each asset on hand at the time of the preset cutoff date on the provided inventory form.

c. These documents will be sent electronically to the LOGCOM Maintenance Management Center organizational mailbox smblogcommmcmsbc~usmc.mil

PART 2
DEFINITIONS

2.1. **COMPONENT**: A separate identifiable part of an end item which performs a function within the system or subsystem and is necessary for the proper operation of that end item.

2.2. **CONTRACTOR**: A supplier or vendor awarded a contract to provide specific supplies or service to the government. The term used in this contract refers to the prime.

2.3. **CONTRACTING OFFICER**: A person with authority to enter into, administer, and or terminate contracts, and make related determinations and findings on behalf of the government. Note: The only individual who can legally bind the government.

2.4. **CONTRACTING OFFICER'S REPRESENTATIVE (COR)**.): An employee of the U.S. Government appointed by the contracting officer to administer the contract. Such appointment shall be in writing and shall state the scope of authority and limitations. This individual has authority to provide technical direction to the Contractor as long as that direction is within the scope of the contract, does not constitute a change, and has no funding implications. This individual does NOT have authority to change the terms and conditions of the contract.

2.5. **CONDITION CODE "A"**: Is defined as "serviceable and issuable without qualification, new, used, repaired, or reconditioned materiel which is serviceable and issuable to all customers without limitation or restriction and includes materiel with more than six months shelf-life remaining"

2.6. **DEFECTIVE**: The absence of any characteristic essential to the complete function, performance, or serviceability which renders an item unfit for its intended purpose.

2.7. **DETERIORATED**: The degeneration or decline in the condition, appearance, performance, or serviceability which renders an item unfit for further use.

2.8. **DEFECTIVE SERVICE**: A service output that does not meet the standard of performance associated with the Performance Work Statement.

2.9. **DEFICIENT:** Lacking in some necessary quality or element and not up to a normal standard or complement.

2.10. **DELIVERABLE**: Anything that can be physically delivered, but may include non-manufactured things such as meeting minutes or reports.

2.11. **ECONOMICALLY REPARABLE**: The required repair cost (labor and material) of a reparable item shall not exceed 65% of its replacement cost.

2.12. **HUMAN READABLE INFORMATION (HRI)**: Are open text numbers, letters, and punctuation such as periods, slashes, and dashes that are readable by the human eye with no

interface. The UII may be written out in HRI on an IUID label. Note that the high error rate in reading and transcription for a UII's long set of characters places primary emphasis on scanning the IUID mark to determine the UII accurately

2.13 **IROAN**: That maintenance technique which determines the minimum repairs necessary to restore equipment, components, or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement

2.14. **ITEM UNIQUE ITEM IDENTIFICATION (IUID):** Item Unique Item Identification is a method that identifies items using a 2-dimensional (2D) Data Matrix symbol (ECC 200 standard) encoded with a set of data that is globally unique and unambiguous. IUID is also used to refer to the physical Data Matrix on an item.

2.15. **OIL LEAKS**:

a. Class I leak is just wetness around the leak
b. Class II leak is where it forms a drop, but the drop does not fall
c. Class III leak is when the drops are falling to the ground

2.16. **PEDIGREE INFORMATION**: Baseline identification on an item marked or assigned at creation of item, such as manufacturer, part number, and serial number. Some information may change over the life cycle of the item, such as part number, but in general the pedigree information is stable. It is used to corroborate the UII, such as when IUID mark is damaged. Pedigree information is captured in the OSD IUID Registry upon registration of the UII.

2.17. **PHYSICAL SECURITY**: Actions that prevent the loss or damage of Government property.

2.18. **QUALITY ASSURANCE**: The government procedures to verify that services being performed by the Contractor are performed according to acceptable standards.

2.19. **QUALITY ASSURANCE SURVEILLANCE PLAN (QASP)**: An organized written document specifying the surveillance methodology to be used for surveillance of contractor performance.

2.20. **QUALITY CONTROL**: All necessary measures taken by the Contractor to assure that the quality of an end product or service shall meet contract requirements.

2.21. **REPAIR**: The restoration or replacement of parts and components as necessitated by wear, damage, or failure in order to return the specific item of material to proper operating condition.

2.22. **REPARABLE**: An unserviceable item that can be repaired and restored to a serviceable condition.

2.23. **REPLACE**: Items determined to be beyond the economical repair shall be replaced with the new items.

2.24. **SUBCONTRACTOR**: One that enters into a contract with a prime contractor. The Government does not have privity of contract with the subcontractor.

2.25. **TURNAROUND TIME**: The date the MTVR armored cargo truck is placed into production for IROAN in the contractor facility to the date the MTVR armored cargo truck completes the IROAN process.

2.26. **UNIQUE ITEM IDENTIFIER (UII)**: Unique Item Identifier is the unique data element that is encoded in a 2D Data Matrix that is compliant under the IUID method. The UII must be constructed according to specifications in MIL STD 130. The UII must be registered in the OSD IUID Registry.

2.27. **WORK DAY**: The number of hours per day the Contractor provides services in accordance with the contract.

2.28. **WORK WEEK**: Monday through Friday, unless specified otherwise.

Part 2.1
ACRONYMS:

AC	Air Condition
ASQC	American Society for Quality Control
BII	Basic Issue Items
BFT	Blue Force Tracker
BPMTU	Battery Powered Motorized Traversing Unit
CAC	Charge Air Cooler Assembly
CARC	Chemical Agent Resistant Coating
CFM	Contractor Furnished Materiel
CLIN	Contract Line Item Number
CO	Contracting Officer
COEI	Components of End Items
COR	Contracting Officer Representative
CSA	Configuration Status Accounting
CTIS	Central Tire Inflation System
CVRJ	Crew Vehicle Receiver Jammer
DCMA	Defense Contract Management Agency
DFARS	Defense Federal Acquisition Regulation Supplement
DLA	Defense Logistic Agency
DMDM	Defense Materiel Disposition Manual
DMISA	Depot Maintenance Interservice Support Agreement
DoD	Department of Defense
DoDISS	Department of Defense Index of Specifications and Standards
DVD	Digital Video Disc
DVE	Driver Vision Enhancer
ECP	Engineering Change Proposal
ES	Equipment Specialist
FAR	Federal Acquisition Regulation
FIR	Final Inspection Record
GEX	Global Exchange
GFP	Government Furnished Property
HRI	Human Readable Information
IAW	In Accordance With
IETM	Integrated Electronic Technical Manual
IROAN	Inspect and Repair Only as Necessary
IUID	Item Unique Identification
JEFMICS	Joint Engineering Data Management Information Control System
LMS	Logistic Manager Specialist
LOGCOM	Marine Corps Logistics Command
LTI	Limited Technical Inspection
MAS	MTVR Armor System
MCA	Management Control Activity
MCTAGS	Marine Corps Transparent Armor Gun Shield

MEARS	Multi-User Engineering Change Proposal Automated Review System
MI	Modification Instruction
MILSTRIP	Military Standard Requisition and Issue Procedures
MMC	Maintenance Management Center
MPH	Miles Per Hour
MSB	Master Scheduling Branch
MSL	Military Shipping Label
MTU	Manual Traversing Unit
MTVR	Medium Tactical Vehicle Replacement
M&HTV	Medium and Heavy Tactical Vehicle
NSN	National Stock Number
OCI	Organizational Conflict of Interests
OEM	Original Equipment Manufacturer
OSD	Office of the Secretary of Defense
PEI	Principal End Item
PECP	Preliminary Engineering Change Proposal
PIPC	Property in the Possession of the Contractor
PM	Program Manager
PM MTVR	Program Manager Medium Tactical Vehicle Replacement
POC	Point of Contact
PRS	Performance Requirements Summary
PTO	Power Take Off
PWS	Performance Work Statement
PP&P	Preservation, Packaging and Preparation
QA	Quality Assurance
QAR	Quality Assurance Representative
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Program
RFD	Request for Deviation
ROM	Rough Order of Magnitude
RRR	Reparable Receiving Report
TDS	Temporary Data Storage
TM	Technical Manuals
TOCNET-V	Tactical Operations Command Network V
UID	Unique Identification
UII	Unique Item Identification
USMC	United States Marine Corps
VAN	Vender Access Network
WAWF	Wide Area Work Flow
WSMC	Weapon System Management Center
XML	Extensible Markup Language
2-DMS	2-Data Matrix Symbol
3PL	Third Party Logistics

PART 3
GOVERNMENT FURNISHED PROPERTY, and EQUIPMENT

3.1. GOVERNMENT FURNISHED PROPERTY (GFP).

a. The Management Control Activity (MCA), Marine Corps Logistics Command (LOGCOM), Marine Corps Logistics Base, Albany, GA will coordinate GFP request and maintain a central control system on all government assets with the contractor possession. The contractor will be notified of the availability of GFP. The contractor shall be responsible for receipt, accountability, security, storage, and reporting requirements under those processes for the GFP provided. The contractor shall acknowledge receipt of GFP to the DCMA/COR within 10 days of receipt. The contractor will receipt in Wide Area Work Flow (WAWF) as a Vendor Property Receiver. The contractor will return the GFP in WAWF as a Vendor Property Shipper. GFP shall be returned in the original condition as received. Any repairs required as a result of contractor possession and use shall be borne by the contractor at no cost to the government. The requiring activity must authorize any deviations.

b. For the purposes of this PWS, GFP items are to be reported to the Office of the Secretary of Defense (OSD) IUID Registry and Marine Corps Temporary Data Storage (TDS). In compliance with GFP requirements, DoD Contractors will electronically submit UII data to the Marine Corps TDS and OSD IUID Registry for GFP in their possession. When processing in WAWF, this OSD IUID Registry will automatically be updated with the appropriate information.

c. The contractor shall contact Contracting Officer's Representative regarding any GFP required for application of Engineering Change Proposal (ECP) (listed in Attachment 11) not previously applied, Modification Instructions not previously applied, and for the MTVR Various C4I Integrated Systems A-Kits not previously applied.

PART 4
CONTRACTOR FURNISHED ITEMS AND SERVICES

4. CONTRACTOR FURNISHED ITEMS AND RESPONSIBILITIES:

4.1 **General**: The Contractor shall furnish all supplies, equipment, facilities, materials and services required to perform work under this contract that are not listed under Section 1 of this PWS.

4.2. **Contractor Furnished Materiel (CFM)**. The performing activity may requisition material as required in the performance of this PWS through the DoD Supply System. DLM 4000.25-1 (MILSTRIP), Chapter 11, provides guidance to the contractor on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel, and the required completion and delivery date.

PART 5.
SPECIFIC TASKS:

5. **Specific Tasks**: The following specific tasks identify the requirements that the contractor shall complete during the IROAN process:

5.1. **Basic Services**. The contractor shall IROAN the MTVR armored cargo truck and upon completion of the IROAN process the MTVR armored cargo truck shall be in Condition Code "A".

5.2. **Unique Identification (UID) and Item Unique Identification (IUID) Markings.**

5.2.1. **Unique Identification Requirements**.

5.2.1.1. **IUID Marking – General**. The contractor shall implement IUID marking as defined in the latest version of MIL-STD-130, Defense Federal Acquisition Regulation Supplement (DFARS) clause 211.274-1, DFARS clause 252.245-7001, DFARS clause 252.245.7002, DFARS clause 252.211-7003, DFARS clause 252.245-7003, DFARS clause 252-245-7004, DFARS clause 252-246-7005, DFARS clause 252-246-7006, DFARS 252.211-7007, Federal Acquisition Regulation (FAR) Part 45, and this PWS. The IUID marking shall be incorporated by acquiring space on the existing data plates where possible. Bar Coding and the two-dimensional (2D) IUID data matrices shall be machine-readable with common optical scanning devices, and be accompanied by the corresponding Human Readable Information (HRI) when practical. The data plate shall be permanently affixed. When any item is received with an IUID mark previously applied, the contractor shall ensure the IUID mark is reapplied if the data plate is removed during the maintenance process, in accordance with permanency and legibility of MIL-STD-130.

5.2.1.2. **IUID Marking – Specific**. The contractor shall mark the components listed in (Attachment 3) with the appropriate UII markings. Prior to issuing a new UII, the contractor shall check with the Marine Corps Temporary Data Storage (TDS) and the Office of the Secretary of Defense (OSD) IUID Registry to ensure the item has not been previously registered. Class VII, IX, Controlled and Serialized Components whose IUIDs are illegible, missing or unmarked, shall be verified against both TDS and OSD IUID Registry before remarking.

5.2.1.3. **IUID Recording**. IUID marking of modifications and repairs items shall be recorded in accordance with DFARS 252.211-7007 for Government Furnished Property (GFP), MIL-STD-129, MIL-STD-130, and ANSI/ISO/ASQC Q9001-2008.

5.2.1.4. **OSD IUID Registry**. Items with new IUID, items with part number rollovers, and changes in configuration of IUID items (parent and child relationship) shall be submitted to the IUID Registry for new registration or life cycle update. For Commercial Repair Facilities, after placing marking on the items or receiving marked items from suppliers of goods, the contractor shall prepare Reparable Receiving Report (RRR). The RRR and the IUID and Valuation Information on the RRR shall be submitted to the IUID Registry via Wide Area Workflow (WAWF) or other electronic means. Data submission guidance can be found in paragraph

3.2.2.1 and 3.2.2.2, and at World Wide Web site:
http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html.

5.2.1.5. **Marine Corps TDS**. The contractor shall for components with new IUID marking submit the marks and pedigree information to TDS. The file format for submitting to the United States Marine Corps (USMC) TDS will be posted at https://tds-iuid.com. In addition to the mandatory data elements for submitting the UII to the OSD IUID Registry, the National Stock Number (NSN) and serial number will be included in the submission to the Marine Corps TDS. For equipment with multiple serial numbers physically marked on the item, the priority order for use in the serial number data field is: (1) United States Marine Corps (USMC) serial number (not locally assigned); (2) Original Equipment Manufacturer (OEM) serial number; and (3) Third Party Logistics (3PL) provided serial number.

5.2.1.6. **Change of Item Owner for Disposal**. For any IUID marked item that is disposed of during maintenance activity because the item is considered unserviceable (Condition Code H), and the item leaves Marine Corps inventory by transfer to Defense Logistic Agency (DLA), sent to another agency for disposal, or disposed of by the contractor. The contractor shall update the OSD IUID Registry with the new item owner according to the IUID Registry definitions of the DoD, federal, or other entities in the IUID Registry Software User's Manual, Appendix B-Data Field Explanations, available at:
https://iuid.logisticsinformationservice.dla.mil/documents/IUID_Website_SUM.pdf

5.2.1.7. **Life Cycle Update for Marine Corps Disposal**. For any IUID marked item that must be disposed of during maintenance activity because the item is considered unserviceable (Condition Code H), and the physical disposal takes place at the contractor such that the item leaves the government inventory as an item without transfer to DLA or other entity, the contractor shall update the OSD IUID Registry with the appropriate Life Cycle Event. The list of 22 possible Life Cycle Events and their description may be found in the IUID Registry Software User's Manual, - Data Field Explanations, Life Cycle Events Page (approximately pp. 137) available at:
https://iuid.logisticsinformationservice.dla.mil/documents/IUID_Website_SUM.pdf. The eight expected depot-level disposal events are: abandoned, consumed, destroyed by accident, donated, exchanged-warranty, lost, scrapped, or stolen.

5.2.2. **OSD IUID Registry Submission**.

5.2.2.1. **Data Submission**. For the IUID Extensible Markup Language (XML) data submission method (available for new procurement, legacy, and GFP), the compressed file (zip) at the "IUID Direct Submission Information" link at
http://www.acq.osd.mil/dpap/pdi/uid/data_submission_information.html contains the (XML) format particulars and the IUID Element Structure. Each IUID XML file shall be sent to a Globe Exchange (GEX), which shall pass the information on to the OSD IUID Registry.

5.2.2.2. **Direct File Submissions**. The contractor shall utilize the GEX either directly or via a Vendor Access Network (VAN). If an organization has an existing connection, it shall contact their GEX administrator. If it does not have a connection, the IUID Registry Helpdesk can provide Vendors assistance with establishing the required connection. The IUID Registry Helpdesk can be found at iuid.helpdesk@dla.mil.

Note: The filename length (including file extension) for any direct submission file must not exceed 26 characters.

The final option is to manually enter the IUID data via the production IUID Web Entry site, available for new procurement and legacy equipment (in version 3.2), and Property in the Possession of Contractors (PIPC). To do so, an organization shall register at the production IUID Registry via the website https://iuid.logisticsinformationservice.dla.mil. Organizations that wish to explore the functionality of the IUID Web Entry site in a non-production environment may access the IUID Registry test site via the website https://practiceiuid.logisticsinformationservice.dla.mil. Registration in the IUID Registry provides access to both the production site and test site. Registration is required in order to access the full functionality of the IUID Registry test site.

For assistance with IUID related questions or setting up accounts to the IUID Registry/GEX contact the IUID Helpdesk at iuid.helpdesk@dla.mil.

5.3. **Principal End Item UID Markings**. The contractor shall mark the MTVR Principal End Item (PEI) with a data plate (Figure 1) that contains the IUID data matrix and placed approximately 5 inches above the striker bolt on the driver's side door jamb which will allow scanning in an installed condition.

5.3.1. **MTVR PEI Data Plate**. The contractor shall ensure that the MTVR PEI data plate is permanently affixed (with a rivet in each corner) of the data plate. Data plates shall be marked with a two dimensional IUID data matrix defined in MIL-STD-130. The contractor shall use MIL-STD-130 Figure 1 as a guide in developing the vehicle data plate. All data plate information shall also include bar coding.

5.3.2. **UID Minimal Dimensions**. The contractor shall ensure the dimensions for the PEI data plate replacement is 3.00" X 2.50" X .020" Thickness, Flat Black Aluminum, Laser etched and not less than 40% in contrast. UID and IUID marking hereafter is referred to 2- Data Matrix Symbol (2-DMS).

NSN_____ ID _____
TAMCN D00037K Date of MFG_____
Model _____ Contract Number_____
Cage Code _____ VIN_____
USMC Registration
Number_____

Figure 1 Principal End Item Data Plate

5.3.3. **List of Components Requiring UII Marking**. The contractor shall mark the components listed in Table 1 with 2-DMS and shall reflect the parent child relationship. The minimum dimensions of each of the component data plate shall be 0.750" X 2.00" X 0.20" Thickness, Flat Black Aluminum, Laser etched. The 2-DMS shall be no less than 1 cm wide and no less than 40% in contrast. Attachment 3 provides UII marking location for each of the components in Table 1.

a. The 2-DMS, no less than 1 cm wide and no less than 40% in contrast
b. Nomenclature
c. Part Number
d. Original Mfg Cage Code
e. Original Serial Number of Component

Table 1 List of Components Requiring UII Marking

PART #	Cage	NSN	NOMENCLATURE
3778257	45152	2815-01-578-7194	Engine Dressed with 300 Amp Alternator
3564554	45152	2520-01-536-4208	Transmission, 4700 SP (GEN IV)
3000002	45152	2520-01-479-2170	Transmission, WTEC III
3310512	45152	2520-01-486-1156	Dressed Transfer Case
3464499	45152	2990-01-474-5787	Starter 24V (from Remy Inc.)
3687864	45152	2920-01-561-6190	Alternator, 300 Ampere
3000128	45152	2520-01-472-9143	Differential, Assembly No 1
3000154	45152	2520-01-474-5703	Differential, Assembly No 2
3014086	45152	2520-01-472-9149	Differential, Assembly No 3

Table 1 List of Components Requiring UII Marking Continued

3340967	45152	2530-01-472-9842	Steering Gear Primary
3340968	45152	2530-01-472-9846	Steering Gear, Slave
3197931	45152	2590-01-515-3018	Winch Motor and Cable Assembly
8HB328	45152	4310-01-480-1311	Air Compressor Reciprocating

5.4. **Detail Tasks**. The following tasks describe the different phases for IROAN of the MTVR armored cargo truck.

5.4.1. **Vehicle Shipment**. The shipment of vehicles shall be the responsibility of the Government.

5.4.2. **Vehicle Receipt**. Upon receipt of the vehicle, the contractor shall identify the vehicle chassis and mounted equipment by model number, and United States Marine Corps (USMC) Registration Number. All major secondary depot reparable components noted as missing or not meeting IROAN specifications (noted in the remarks section) during the pre-induction inspection Limited Technical Inspection (LTI) shall be recorded on a Supply Discrepancy Report and submitted to the Marine Corps Logistic Command (LOGCOM) PEI Manager for action and resolution IAW established procedures. The contractor shall then store the vehicle in a secure location until scheduled for IROAN. If the contractor determines that a vehicle cannot be repaired, the contractor shall submit the pre-induction inspection LTI report to Maintenance Management Center (MMC) Master Scheduling Branch (MSB) with a recommendation to return the asset to stock as condition code P and request a replacement asset. MMC shall coordinate with Weapon System Management Center (WSMC) and PM M&HTV LMS, or ES to obtain concurrence with the contractor recommendation.

5.4.3. **Pre-Induction Inspection**. The contractor shall annotate the MTVR Armored Cargo Truck Pre-Induction Limited Technical Inspection (LTI) NAVMC 10284 (Attachment 4). The contractor's Quality Assurance Representative (QAR) performing the pre-induction inspection shall print and sign their name the pre-induction inspection LTI in the maintenance officer signature block. The contractor shall retain the pre-induction inspection LTI on file and be made available to the government upon request for a period of three years.

5.4.4. **Missing Parts, Non-Reparable, or Destroyed Items**. An inspection shall be conducted by the contractor within 10 working days of receipt of vehicle to identify missing, non-reparable, or destroyed items. The contractor shall only inspect those items deemed as reparable and reusable in the IROAN repair of the MTVR armored cargo truck. Mandatory replacement items shall not be inspected because they are going to be replaced during the IROAN process. Major secondary depot reparable components (engine, transmission, transfer case, axle assemblies) identified as missing or not meeting IROAN specifications during the pre-induction inspection process shall be deemed not available for IROAN and shall require replacement with a component that can be rebuilt. These items shall be replaced or invoiced under the terms of this provision. The contractor shall submit an addendum to the pre-induction inspection LTI, a

Rough Order of Magnitude (ROM) for increased repair cost and request for additional funds to LOGCOM SMB, MMC, and MSB with notification of an unavailable part (i.e., nonconforming, non-reparable or destroyed part) identified during the teardown IROAN process. For any other major secondary depot reparable component that is determined to be missing after the initial inspection, the contractor maintains the right to submit for a replacement component or payment for that component via the Government if the omission was due to access availability at the time of inspection (i.e. war damage precluded the physical observation of the component at the time of inspection). All claim disputes shall be handled by the PM M&HTV LMS.

5.4.5. **Phase I - Pre-Induction**. The contractor shall perform an IUID pre-induction inspection and the findings shall be annotated on the IUID/UII Pre-Induction Checklist (Attachment 5). During pre-screening inductions, the contractor shall verify the presence of an IUID mark, and validate the IUID matrix and UII (internal coded data identifier) against MIL STD 130, and item pedigree information in the USMC TDS and OSD IUID Registry.

5.5. **Phase II - IROAN**. IROAN of the MTVR armored cargo truck shall be accomplished in accordance with this PWS, TM 10629-DVD and TM 10629A-OR/A at the contractor facility. IROAN of the MTVR armored cargo truck shall be accomplished by the application of contractor maintenance techniques by experienced journeyman level personnel to meet quality standards and inspection criteria. All MTVR armored cargo trucks shall be upgraded to the latest configuration to include applicable Modification Instructions and the Engineering Change Proposals (ECP) listed in Depot Repair Engineering Change Proposal Verification and Application Report (Attachment 11) and the MTVR Various C4I Systems A-Kits listed in paragraphs 5.5.51 through 5.5.51.7.

a. The contractor shall ensure that all components, assemblies, or sub-assemblies that require replacement during the IROAN of the MTVR armored cargo truck shall be replaced with components, assemblies or subassemblies that meet or exceed OEM specifications.

b. The contractor shall remove any incorrect payload data plate and install a correct payload data plate MTVR Armor System (MAS). The contractor shall ensure that all data plates located on the driver's door and the shipping data plate located under the driver's side door also match the MTVR armored cargo truck configuration after completing the IROAN process.

c. The contractor shall verify application of all ECPs listed in the Depot Repair Engineering Change Proposal Verification and Application Report (Attachment 11).

d. The contractor shall install the following components of the Battery Powered Motorized Traversing Unit (BPMTU) Kit (BAE P/N 4323955) identified as part of ECP105r2.

(1) Circuit Breaker (BAE P/N 6432525)

(2) Positive Wire (BAE P/N 6432541)

(3) Power Cable (BAE P/N 6432538)

(4) Brackets and clips associated with installation

5.5.1. **Frame Assembly**. The contractor shall inspect and repair or replace, as necessary, the frame assembly. The contractor shall ensure frames are corrosion free. The contractor shall repair or replace all worn or damaged brackets and mounts. The contractor shall replace cracked or otherwise damaged crossmembers and any other damaged frame assembly components.

5.5.2. **Axle Assemblies**. The contractor shall inspect and repair or replace, as necessary, all axle assemblies.

5.5.3. **Truck Engine and Accessories**. The contractor shall inspect and repair or replace, as necessary, the engine and accessories to dress the engine.

5.5.4. **Starter**. The contractor shall inspect and repair or replace, as necessary, the starter.

5.5.5. **Alternator.** The contractor shall inspect and repair or replace, as necessary, the 300 ampere alternator.

5.5.6. **Transfer Case**. The contractor shall inspect and repair or replace, as necessary, the transfer case.

5.5.7. **Transmission**. The contractor shall inspect and repair or replace, as necessary, the transmission. The contractor shall replace all transmission cooler hoses and the rear output seal. The contractor shall ensure that if an MTVR truck is received with a WTEC III transmission NSN 2520-01-479-2170 and the transmission cannot be rebuilt, the transmission shall be replaced with a GEN-IV transmission NSN 2520-01-536-4208.

5.5.8. **Winch**. The contractor shall inspect and repair or replace, as necessary, the winch and associated components.

5.5.8.1. **Winch Cable and Clevis**. The contractor shall replace the winch cable and clevis. The winch cable shall have carwell lubrication applied to the entire cable.

5.5.9. **Hydraulic Tank**. The contractor shall inspect and replace any defective hydraulic tank.

5.5.10. **Truck Cab and Components**. The contractor shall inspect and repair or replace, as necessary, the cab and components.

5.5.10.1. **Dash Switches, and Gauges** . The contractor shall inspect and repair or replace, as necessary, all switches and gauges in the dash panel.

3.5.10.2. **Warning Lights, Flashers and Buzzers**. The contractor shall inspect and repair or replace, as necessary, all warning lights, flashers and buzzers.

5.5.10.3. **Windshields and Door Glass**. The contractor shall inspect and replace, as necessary, ballistic glass in the windshields and doors.

5.5.11. **Gladhands**. The contractor shall inspect and repair or replace, as necessary, all gladhands.

5.5.12. **Cargo Body, Stowage Boxes, Crossmembers and Wood Sills**. The contractor shall inspect and repair or replace, as necessary, the cargo body and stowage boxes. The contractor shall ensure all non-standard holes are plugged, patched or re-drilled to standard. The contractor shall inspect, repair or replace crossmembers. The contractor shall replace all wood sills.

5.5.13. **Troop Seats**. The contractor shall inspect and repair or replace, as necessary, the troop seats.

5.5.14. **Radiator and Charge Air Cooler Assembly (CAC)**. The contractor shall inspect and repair or replace, as necessary, replace the radiator and CAC.

5.5.15. **Propeller Shafts**. The contractor shall inspect and repair or replace, as necessary, the propeller shafts.

5.5.16. **Hydraulic Pumps and Power Take-Offs (PTOs)**. The contractor shall inspect and repair or replace, as necessary, the hydraulic pumps and PTOs. The contractor shall inspect and repair or replace, as necessary, all hydraulic fittings and quick disconnects.

5.5.17. **Steering System**. The contractor shall inspect and repair or replace, as necessary, the steering system (steering column, steering pump and gears).

5.5.18. **Fuel Tank.** The contractor shall inspect and repair or replace, as necessary, the fuel tank. The contractor shall replace any fuel tank that is missing the Department of Transportation (DoT) 393.67 fuel tank certification tag. Any fuel tank missing the certification tag shall be considered a non-standard part and treated as a non-standard part per paragraph 3.5.45 of the PWS. The contractor shall fill the fuel tank to ¼ full with commercial grade diesel per ASTM D975 upon completion of the IROAN process.

5.5.19. **Wheels**. The contractor shall inspect and repair or replace, as necessary, wheels. The contractor shall perform wheel alignment.

5.5.20. **Tires.** The contractor shall replace any unservicable tires or tires with less that ¾ inch tread. Refer to TM 9-2610-200-14. The contractor shall replace all O rings when tires are replaced.

5.5.21. **Mudflaps**. The contractor shall inspect and replace any unservicable mudflaps.

5.5.22. **Brake System**. The contractor shall inspect and repair or replace, as necessary, the brake system.

5.5.23. **Hub and Brake Drum**. The contractor shall inspect and repair or replace, as necessary, all hubs and brake drums.

5.5.24. **Antilock Brake System**. The contractor shall inspect and repair or replace, as necessary, the the antilock brake system.

5.5.25. **Central Tire Inflation System (CTIS)**. The contractor shall inspect and repair or replace, as necessary, the CTIS.

5.5.26. **Batteries, Battery Cables and Battery Box**. The contractor shall replace all batteries, with NSN 6140-01-446-9506. The contractor shall replace all defective battery cables. The contractor shall inspect and repair or replace, as necessary, the battery box and associated components.

5.5.27. **Lights**. The contractor shall inspect and replace all defective bulbs and unserviceable light emitting diodes.

5.5.28. **Suspension Components**. The contractor shall inspect and repair or replace, as necessary, the suspension components.

5.5.29. **Treadle Valves, Air Dryers, and After Coolers**. The contractor shall inspect and repair or replace, as necessary, treadle valves, parking brake valve, trailer supply valve, relay valves brake chambers, air dryers, and after coolers.

5.5.30. **Air Tanks and Air Reservoirs**. The contractor shall inspect and repair or replace, as necessary, all air tanks and air reservoirs.

5.5.31. **Air Compressor**. The contractor shall inspect and repair or replace, as necessary, the air compressor.

5.5.32. **Air Governor Assembly**. The contractor shall inspect and repair or replace, as necessary, the air governor assembly.

5.5.33. **Air Cleaner**. The contractor shall inspect and repair or replace, as necessary, the air cleaner. The contractor shall replace the filter element. The contractor shall inspect and repair or replace, as necessary, the intake air piping assembly.

5.5.34. **Air Condition System**. The contractor shall inspect and repair or replace, as necessary, the Air Conditioning (AC) system. The contractor shall inspect and repair or replace, as necessary, the AC compressor.

5.5.35. **Vent Hoses and Transmission Breather**. The contractor shall inspect and replace any defective vent hoses. The contractor shall replace the transmission breather.

5.5.36. **Fuel and Water Separator Assembly**. The contractor shall inspect and repair or replace, as necessary, the fuel and water separator assembly.

5.5.37. **Fuel Priming and Fuel Transfer Pump Assemblies**. The contractor shall inspect and repair or replace, as necessary, the fuel priming and fuel transfer pumps.

5.5.38. **Turbocharger Assembly**. The contractor shall inspect and replace, as necessary, the turbocharger.

5.5.39. **Rust and Corrosion Removal**. The contractor shall ensure that all rust and corrosion are removed.

5.5.40. **Stencils and Final Paint**. The contractor shall paint the exterior and interior with Chemical Agent Resistant Coating (CARC). Painting shall be IAW MIL-DTL-53072 and TM 4750-OD/1. All vehicles shall be painted the same color as inducted into the IROAN program.

5.5.41. **Corrosion Control**. TM 4750-OD/1 shall be used to rustproof the MTVR.

5.5.42. **Undercoating**. The contractor may use SG510A, as used on the original production vehicles, or Tectyl 2423 for undercoating the vehicle. During the undercoating process the contractor shall not apply SG510 or Tectyl 2423 to non-metallic hoses, wiring harnesses, grease fitting, and data plates.

5.5.43. **Basic Issue Items (BII)**. The contractor shall not replace BII.

5.5.44. **Components of End Item (COEI)**. The contractor shall inspect and repair or replace, as necessary, all COEI. The contractor shall ensure that any COEI not installed on the vehicle are put in a wooden crate with an inventory of items located inside and outside the crate (in a protective cover). All COEI installed on the vehicle should be noted on the inventory sheet "as installed on vehicle". The contractor shall stencil the crate with the letters "COEI for PEI NSN _____". The crate shall be put in the bed of the cargo body prior to Defense Contract Management Agency (DCMA) inspection and acceptance.

5.5.45. **Unauthorized Modifications and Non-Standard Parts**. The contractor shall remove all unauthorized modifications and non-standard parts that have been added to the vehicle prior to the MTVR armored cargo being repaired. These unauthorized modifications and non-standard parts shall be declared as scrap and shall be disposed of IAW Defense Materiel Disposition Manual (DMDM) DoD 4160.21-M and the contractor established disposal procedures.

5.5.46. **Surplus and Excess Components**. Material removed that is no longer usable shall be declared as scrap and shall be disposed of IAW DoD 4160.21-M and the contractor standard scrap disposition.

5.5.47. **Armor**. The contractor shall remove, clean, inspect, remove all corrosion, prime and repaint all armor and components. The contractor shall replace all unservicable armor with new armor. Unservicable armor shall be disposed IAW DMDM DoD 4160.21-M and the contractor established disposal procedures. All armor with exception of MTVR Armor System (MAS) armor kit components shall be removed and disposed with IAW DMDM DoD 4160-21-M and the contractor established disposal procedures. Painting shall be IAW MIL-DTL-53072 and TM 4750-OD/1. All armor kits will be furnished as GFP.

5.5.48. **Machine Gun Mount and Machine Gun Mount (Motorized)Weapon Mount**. The contractor shall inspect and repair or replace, as necessary, the Weapon Mount. All MTVR non-

reducible height armored cargo trucks shall have a Weapon Mount Kit, Non-Reducible Height Armor Assembly, NSN 2510-01-598-8304, installed during the IROAN process. All MTVR reducible height armored cargo trucks shall have a Weapon Mount Kit, Reducible Height Armor Assembly, NSN 2510-01-598-8311, installed during the IROAN process. The Weapon Mount shall be the same color as the vehicle. Refer to ECP 105r2 for any additional installation instructions.

5.5.49. **Marine Corps Transparent Armor Gun Shield (MCTAGS)**. The contractor shall inspect and repair or replace, as necessary, the MCTAGS IAW TM 11466A-OR. The MCTAGS shall be painted the same color as the vehicle. The contractor shall ensure a Condition Code "A" MCTAGS Kit is put in a wooden crate with an inventory of items located inside of the crate. The MCTAGS Kit, NSN 2540-01-546-4267, PN 4273485 consists of three separate kits: MEF Rhino Kit, PN 4270340; M1114 Adapter Kit, PN 4273495; and Telescopic MCTAGS Kit, PN 4273497. The contractor shall ensure a Condition Code "A" Battery Powered Motorized Traversing Unit (BPMTU), NSN 2510-01-602-4970, PN 6449614-01M1 and a Condition Code "A" Manual Traversing Unit (MTU), NSN 3830-01-536-4083, PN 6435129-01M1, part of BPMTU/MTU Installation Kit, PN 4323955 are also placed in the crate with the MCTAGS. One copy of the inventory sheet shall be put inside the crate and one copy of the inventory sheet (in a protective cover) attached to the outside of the crate. The contractor shall stencil the crate with the letters "MCTAGS NSN 2540-01-546-4267" along with the color of the kits. The contractor shall ensure MCTAGS is the same color as the vehicle. The two BPMTU batteries shall be packed in a separate crate. The crates shall be put loaded on the back of the vehicle prior to Defense Contract Management Agency (DCMA) inspection. These kits will be provided as GFP if the vehicle does not already have one.

5.5.50. **Battery Powered Motorized Traversing Unit (BPMTU) and the Manual Traversing Unit (MTU)**. The contractor shall inspect and repair or replace, as necessary, the Battery Powered Motorized Traversing Unit (BPMTU) and the Manual Traversing Unit (MTU) IAW TM 11466A-OR. The contractor shall ensure a Condition Code "A" Battery Powered Motorized Traversing Unit (BPMTU), NSN 2510-01-602-4970, PN 6444909-01M1, and a Condition Code "A" Manual Traversing Unit (MTU), NSN 3830-01-536-4083, PN 6435129-01M1, are also placed in the crate with the MCTAGS. The two BPMTU batteries shall be packed in a separate crate. The crate shall be put loaded on the back of the vehicle prior to Defense Contract Management Agency (DCMA) inspection.

5.5.51. **Various C4I Integrated Systems for the MTVR Reducible and Non-Reducible Cargo Vehicles.**

a. The contractor shall ensure the MTVR Various C4I Integrated Systems A-Kits are on the following MTVR reducible cargo vehicles during the IROAN process: AMK23A1, NSN 2320-01-552-0273; AMK25A1, NSN 2320-01-551-9433; AMK23A1, NSN 2320-01-589-1000; AMK25A1, NSN 2320-01-589-4400. The MTVR reducible cargo metal kit part number is 514623. The contractor shall prepare and install the items IAW TM 2320-DE/3 per the following paragraphs: Pre-Integration, paragraphs 2.1 through 2.2; General Notes, paragraph 2.3; Tear Down Summary, paragraphs 2.4.1 through 2.4.8; Metalwork Summary, paragraphs 2.5.1 through 2.5.24; and Power Summary, paragraphs 2.6.1 through 2.6.7.

b. The contractor shall ensure the MTVR Various C4I Integrated Systems A-Kits are on the following MTVR non-reducible cargo vehicles during the IROAN process: AMK23, NSN 2320-01-530-5676; AMK25, NSN 2320-01-530-5677; AMK23, NSN 2320-01-589-0553; AMK25, NSN 2320-01-589-4386. The MTVR non-reducible cargo metal kit part number is 514634. The contractor shall prepare and install the items IAW TM 2320 DE/4 per the following paragraphs: Pre-Integration, paragraphs 2.1 through 2.2; General Notes, paragraph 2.3; Tear Down Summary, paragraphs 2.4 through 2.4.11; Metalwork Summary, paragraphs 2.5.1 through 2.5.27.5; and Power Summary, paragraphs 2.6.1 through 2.6.7.

5.5.51.1. **Electronic Countermeasure**.

a. The contractor shall install the electronic countermeasure Crew Vehicle Receiver Jammer (CVRJ) A-Kit for the reducible cargo variants IAW the procedures in TM 2320-DE/3 paragraphs 3.1.1 through 3.1.16.

b. The contractor shall install the electronic countermeasure CVRJ Kit for the non-reducible cargo variants IAW the procedures in TM 2320-DE/4 paragraphs 3.1.1 through 3.1.17.

c. The contractor shall not install the components listed in Table 2 during the IROAN process, which is an extract from TM 2320-DE/3 and TM 2320-DE/4 Table 3-1.

Table 2 Electronic Countermeasure Components

Seq	QTY	Main Descriptor	Specification	OEM Part Number	MIL Spec or NSN
20	1	Component	CVRJ R/T CREW 2.1	EDO Com / 794110-02	5865-01-553-4770
21	1	Component	Riser, 18"	First RF Corp / FRF-C-1014-18	5985-01-553-8468

Table 2. Electronic Countermeasure Components Continued

22	1	Component	Bracket, Mounting	First RF Corp / FRF-C-1001-001	5985-01-553-8461
23	1	Antenna	Dual Band Antenna, FRF-105D	First RF Corp / FRF-105D	5985-01-553-5748
24	1	Antenna	High-band, FRF-115	First RF Corp / FRF-115	5985-01-553-5745
25	1	Component	Assembly, RCU	EDO Com / 793507-01	5895-01-553-5738
26	1	Component	RAM Swivel Mount Assembly	Crane / 06017A0007	
27	1	Antenna	GPS, 3.3V	EDO Com / 603776-02	5985-01-562-4094

5.5.51.2. **Surveillance Tracking**.

a. The contractor shall install the surveillance-tracking Blue Force Tracker (BFT) A-Kit for the reducible cargo variants IAW the procedures in TM 2320-DE/3 paragraphs 4.1.1 through 4.1.17.

b. The contractor shall install the surveillance-tracking BFT A-Kit for the non-reducible cargo variants IAW the procedures in TM 2320-DE/4 paragraphs 4.1.1 through 4.1.17.

c. The contractor shall not install the components listed in Table 3, during the IROAN process, which is an extract from TM 2320-DE/3 and TM 2320-DE/4 Table 4-1.

Table 3. Surveillance-Tracking Components.

Seq	QTY	Main Descriptor	Specification	OEM Part Number	MIL Spec or NSN
8	1	Component	CPU, J5 AN/UYK-128(V)	DRS Tactical / 9800-07060-9030	7021-01-554-2707
9	1	Component	Display, Unit, 10"	DRS Tactical / 9800-07090-9007	7025-01-526-5612

Table 3. Surveillance-Tracking Components Continued

10	1	Component	Keyboard, Unit	DRS Tactical / 9800-07010-9005	7025-01-496-9879
11	1	Component	Device, Serial Interface Adapter	NGMS / 881331-1	4920-01-478-3722
12	1	Component	Tray, Sliding Keyboard	USMC / 07006B0620	
13	1	Component	Assy, Switch (PDU)	Rock Island Arsenal / A1-36044D-001	6130-01-514-5107
14	1	Component	Antenna, Remote DAGR	Rockwell Col / 013-1981-010	5985-01-502-6692
15	1	Component	Mount, DAGR	Rockwell Col / 987-5006-001	5975-01-521-3063
16	1	Component	ISO Mount, CPU Assembly	NGMS / 872870-1	5340-01-481-5757
17	1	Component	Display, Shock Mount	NSGS / 872879-1	5340-01-558-6170
18	1	Component	Antenna, MT-2011	COMTECH	5895-01-551-7316

5.5.51.3. **Driver Vision Enhancement:**

a. The contractor shall install the Driver Vision Enhancer (DVE) A-Kit for the reducible cargo variants IAW the procedures in TM 2320-DE/3 paragraphs 4.2.1 through 4.2.10.

b. The contractor shall install the DVE A-Kit for the non-reducible cargo variants IAW the procedures in TM 2320-DE/4 paragraphs 4.2.1 through 4.2.11.

c. The contractor shall not install the components listed in Table 4, during the IROAN process, which is an extract from TM 2320-DE/3 and TM 2320-DE/4 Table 4-3.

Table 4. Driver Vision Enhancer Components.

Seq	QTY	Main Descriptor	Specification	OEM Part Number	MIL Spec or NSN
2	1	Component	Display Module	DRS / 6455160	5980-01-525-1688
3	1	Component	(Primary) Sensor	DRS / 6455000	5855-01-525-1631
3a	1	Component	(Alternate) Sensor	DRS / 1001331-101	
4	1	Component	(Primary) Joystick, Controller	DRS / 06090136-1	
4a	1	Component	(Alternate) Joystick, Controller	DRS / 06090135-1	5998-01-565-8125
5	1	Component	Bracket, Assembly, Sensor	DRS / 06090114-1	5340-01-565-8553
6	1	Component	Case, Ruggedized	DRS / 06090119-1	8145-01-565-8035
7	1	Component	(Primary) Electric Pan Tilt Assembly	DRS / 06090141-1	
7a	1	Component	(Alternate) Electric Pan Tilt Assembly	DRS / 06090140-1	5998-01-565-8542
8	1	Component	Cover, Protective, Receptacle	DRS / 660-024NF13R4-107-81A	
9	1	Component	Bulkhead Connector	Glenair Inc / 947-114NF15-35P01	5935-01-565-8082

5.5.51.4. **Communications**.

a. The contractor shall install the Tactical Operations Command Network V (TOCNET-V) A-Kit for the reducible cargo variants IAW the procedures in TM 2320-DE/3 paragraphs 5.1.1 through 5.1.7.

b. The contractor shall install the TOCNET-V A-Kit for the non-reducible cargo variants IAW the procedures in TM 2320-DE/4 paragraphs 5.1.1 through 5.1.8.

c. The contractor shall not install the components listed in Table 5, during the IROAN process, which is an extract from TM 2320-DE/3 and TM 2320-DE/4 Table 5-1.

Table 5 Communications Tactical Operations Command Network (TOCNET-V)

Seq	QTY	Main Descriptor	Specification	OEM Part Number	MIL Spec or NSN
1	1	Component	Driver Trim-V	5459600-001	
2	1	Component	A-driver Trim Dual-V	5459700-001	
3	1	Component	Rear Crew Trim Dual-V	5459700-001	
4	1	Component	MCSU-V	5459300-001	
5	3	Component	Headset, Raptor	RA5000/1/1025	

5.5.51.5. **AN/VRC-113**.

a. The contractor shall install the AN/VRC-113 A-Kit for the reducible cargo variants IAW the procedures in TM 2320-DE/3 paragraphs 5.2.1.1 through 5.2.12.

b. The contractor shall install the AN/VRC-113 A-Kit for the non-reducible cargo variants IAW the procedures in TM 2320-DE/4 paragraphs 5.2.1 through 5.2.11.

c. The contractor shall not install the components listed in Table 6, during the IROAN process, which is an extract from TM 2320-DE/3 and TM 2320-DE/4 Table 5-4.

Table 6. AN/VCR-113 Component

Seq	QTY	Main Descriptor	Specification	OEM Part Number	MIL Spec or NSN
3	1	Component	Cradle, Assembly	Thales Comm / 4102350-501	

5.5.51.6. **Miscellaneous**: The contractor shall perform the procedures as outlined in TM 2320/DE/3 for the reducible cargo IAW paragraphs 6.1.1 through 6.3.11.

5.5.51.7.. **Integration Completion Testing**:

a. The contractor shall perform the procedures as outlined in TM2320-DE/3 for the reducible cargo IAW paragraphs 7.1.1 through 7.1.7.

b. The contractor shall perform the procedures as outlined in TM 2320-DE/4 for the non-reducible cargo IAW paragraphs 6.1.1 through 6.1.6.

5.5.52. **Modification Instructions (MI)**: The contractor shall ensure the following MI are installed.

a. MI 2320-ID/7. Cutting Instructions for the Medium Tactical Vehicle Replacement Cab Rear Wall Armor Back Panel to Facilitate Installation of C4I Components

b. MI 2320-OD/4. Installation Instructions for Improved Rear Cab Isolators On Medium Tactical Vehicle Replacement

c. MI 2320-DE/1. Installation Instructions for Cab Suspension Modification Medium Tactical Vehicle Replacement

d. MI 2320-ID/6. Installation Instructions for the Emergency Egress Window Kit on the Medium Tactical Vehicle Replacement Equipped with Reducible Height Armor

e. MI 2320-ID/5. Installation Instructions for the Emergency Egress Window Kit on the Medium Tactical Vehicle Replacement Equipped with Non-Reducible Armor

5.6. **Mandatory Replacements**. The contractor shall replace the following components:

- Wiper Blades
- All filter elements
- Transmission breather
- Fasteners and fittings removed during tear down and refurbishment process
- All belts
- All fluids
- Non-Metallic rubber hoses
- Winch Cable
- Batteries
- All rubber boots on the tie rod ends
- All rubber boots on the non steer link assemblies
- All rubber boots on the anti sway bars
- Wood Sills
- Ether Start Kit

5.7. **IROAN Data Plate**. The contractor shall install an IROAN data plate on the inside driver's door jamb, above the PEI IUID data plate. This data plate (Figure 2) shall be constructed of metal and attached (with a rivet in each corner) after the vehicle has completed the IROAN process placed. The data plate shall be 3.00" X 2.50" X .020 and contain the following information:

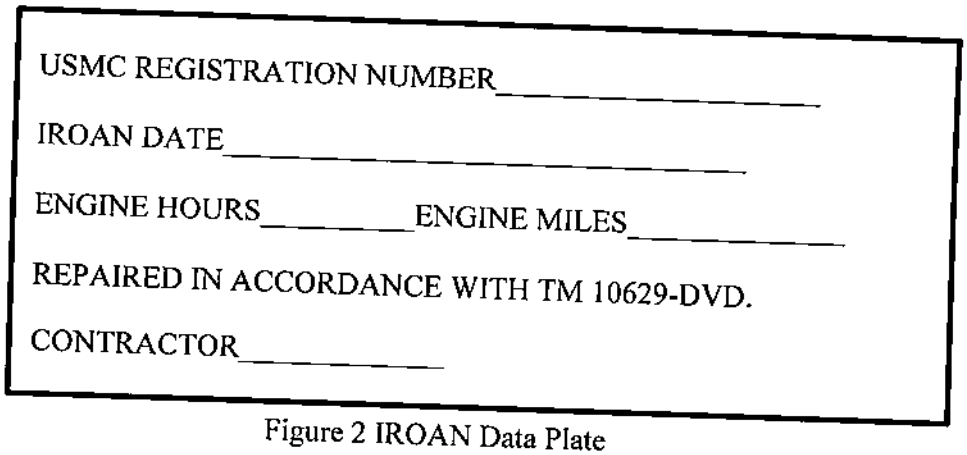

Figure 2 IROAN Data Plate

5.8. **Vehicle Data Plates**. The contractor shall ensure that all data plates reflect the latest configuration. The contractor shall ensure all vehicle data plates are permanently affixed utilizing a rivet in each corner of the data plate.

5.9. **Hardware**. The contractor shall replace all broken, unserviceable, and missing hardware including nuts, bolts, screws, washers, and turn lock fasteners.

5.10. **Pintle Hook**. The contractor shall perform an inspection of staked-in lock pin on the pintle hook. If a lock pin is observed to be protruding from the end of the hole, or if the pin can be moved with finger pressure beyond either end of the hole in the latch body, the lock pin fails inspection. The contractor shall replace the pintle hook latch assembly if the lock pin fails inspection, using latch kit NSN 2540-01-579-6710, Cage 74410, and Part Number RK775.

5.11. **Phase III - Inspection, Testing, and Acceptance**.

a. The contractor Quality Assurance Representative (QAR) shall perform a final inspection IAW Final Inspection Record (FIR) (Attachment 7) of each MTVR repaired. All FIR deficiencies noted during the inspection or testing shall be corrected prior to inspection and acceptance by the Defense Contract Management Agency (DCMA) QAR at the contractor facility. The contractor shall give DCMA QAR aat least one week notice that the vehicles are ready for inspection and acceptance. The contractor shall put a copy of Attachment 7 in the cab (in a protective cover) prior to the DCMA QAR inspection for their review.

b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel from the production line and quality assurance are available to complete the acceptance testing. The test area shall be cleared of all equipment parts and components not required for testing.

c. The contractor shall be responsible for correcting all deficiencies identified during final inspection by DCMA and may require the contractor to repeat tests or portions thereof, if the final inspection fail to demonstrate compliance with this PWS.

d. The contractor shall ensure the acceptance testing is accomplished IAW TM 10629-DVD, TM 10629A-OR/A and the PRS on all MTVR armored cargo trucks being IROAN under the provisions of this PWS.

e. The contractor shall upon completion of the IROAN repair of the MTVR armor cargo truck and IAW this PWS road test the MTVR armored cargo truck. The MTVR armored cargo truck shall be driven for at least 25 miles at varying speeds. During the road test the minimum speed the vehicle shall attain on level highway shall be 45 Miles per Hour (MPH). The road test shall include sharp (90 degree) turns. For each ten (10) miles traveled at least one sudden stop shall be accomplished. All gears of the transmission, including reverse, shall be used during the road test. Transfer and differential locks shall be engaged and disengaged a minimal of 10 times during the road test. The contractor shall upon completion of the road test, thoroughly examined all equipment, doors, control devices, and other functional parts shall be tested for proper operation and ensure there are no air or oil leaks.

f. The contractor shall complete the IUID/UII Final Assembly Checklist (Attachment 6) during the final inspection and acceptance testing to validate that the IUID mark is present, scannable, UII is validated in TDS, and UII is validated in IUID Registry.

g. The contractor shall complete Attachment 7 during the final inspection and provide a copy of Attachment 7 to the DCMA QAR.

5.12. **Rejection**. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by DCMA QC; PM M&HTV LMS, or ES representatives. The contractor shall at no additional cost provide the following:

a. The contractor shall develop an approach for correction of all deficiencies provided by DCMA QC; PM M&HTV representatives after their inspection.

b. The contractor shall notify DCMA QC, and PM M&HTV LMS, or ES, representatives stating that all corrections have been completed that were noted on the inspection report and the vehicle is ready for a final inspection.

c. All deficiencies identified shall be corrected no later than 5 working days after receiving the final inspection report from any of the above representatives.

5.13. **Guarantee of Work**. The contractor shall provide a record guaranteeing workmanship that includes material quality and other performing characteristics. The performing activity shall ensure that subcontractors and vendors are held to a minimum of such requirements which may also include warranties.

5.14. **Marking and Identification**: For shipment and storage of all PEI, marking shall be in accordance with MIL-STD-642_ and MIL-STD-129_, ensuring the use of the Military Shipping Label (MSL).

5.15. **Shipping Instruction**:

a. The Marine Corps COR will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment to the predestinated site(s). The Marine Corps will be responsible for transportation costs associated with the shipping the subject equipment to and from the contractor facility. The PEI batteries shall be hot and connected to the vehicle electrical system.

b. The contractor shall be responsible for PP&P for shipment of PEI being repaired under the terms of this PWS. The contractor shall prepare the PEI for shipment or transit considering immediate use upon receipt by customer and in accordance with the requirements of MIL-STD-3003(AT) and MIL-STD-2073, Method 10 (Physical protection).

5.16. **Configuration Control**.

a. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization from the Program Office. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request for Deviation (RFD). MIL-HDBK-61_ and ANSI/EIA-649-2011 provide guidance for preparing this configuration control document. The contractor shall ensure all RFD submissions identify the precise vehicle serial numbers affected by the deviation. If necessary, the contractor may propose a permanent change to the configuration of the established baseline by initiating a Preliminary Engineering Change Proposal (PECP) through Multi-User Engineering Change Proposal Automated Review System (MEARS). The purpose of a PECP is to address the impact of proposed changes in general terms sufficient enough for the Program Office to determine if a formal ECP is warranted.

b. The creation and submission of PECP and RFD shall be accomplished using the MEARS software application that resides at a secure website, https://mears1.redstone.army.mil. The contractor shall request user-id and password privileges from the requiring office (P706) for the purpose of gaining access to the web site. The contractor shall direct any technical or functional questions concerning usage of MEARS software to the requiring office for guidance. The contractor shall notify the requiring office by electronic mail when completed PECP or RFD are ready for formal submission.

5.17. **Configuration Status Accounting (CSA)**. The contractor shall utilize the MEARS Implementation Module as a means of facilitating accurate Configuration Status Accounting records. The contractor shall obtain instructions for use and access to the MEARS Implementation Module from the requiring office (P706). The contractor shall electronically submit CSA to the Requiring Office via MEARS Implementation Module at https://mear.1.redstone.army.mil/. Per DI-CMAN-81253A, CSA information shall be provided in contractor's format. The content shall include, where applicable, information about the following:

a. Specifications generated for this project.

b. Dawings generated for this project.

c. Software listings generated for this project.

d. Supporting documents (such as test procedures, reports, analyses) generated as a part of this project.

e. Special identifiers utilized to "tag" parts, assemblies, software, used in the product.

f. Listings of parts installed in each serial-numbered product as delivered as 4.0changed through maintenance and modification activities.

g. Engineering changes and their implementation activities.

h. Deviations and activities related to obtaining the consideration.

i. Configuration audit action items and their closeout.

j. For each project document, organizations performing the roles of Current Document Change.

The following references may be useful in defining content: MIL-HDBK-61, Configuration Management Guidance (in the CSA sections of Tables 2-1, 2-2, 2-3 and 2-4 and in paragraph 5 and Table 5-1) and ANSI/EIA-649-2011, National Consensus Standard for Configuration Management (paragraph 5.4) may be used to select/describe the detailed information elements.

5.18. **Reports**.

5.18.1. **Road Test and Final Inspection Checklist**. The contractor shall complete the Final Inspection Record (Attachment 7) for each MTVR armored cargo truck repaired. This checklist shall be completely filled out and available during for final inspection by the DCMA Quality Control (QC); PM M&HTV LMS, or ES representatives.

5.18.2. **Monthly IROAN Reports and Monthly IROAN Checklists**. The contractor shall complete the MTVR IUID/UII Pre-Induction Checklist (Attachment 5); IUID/UII Final Assembly Checklist (Attachment 6); MTVR Monthly IROAN Checklist (Attachment 9); and the List of Secondary Reparable to be IUID Marked (Attachment 10) and submit a copy not later than the following 10th of the month for all vehicles completed for the previous month to the PM M&HTV LMS, PM M&HTV ES, PM M&HTV Program Logistician, Weapon System Management Center, Weapon System Support Manager and Material Manager. The contractor shall submit electronic copy of MTVR Monthly Maintenance Production Report (Attachment 8) to smblogcommmcmsb@usmc.mil no later than the 5th of every month. The contractor shall submit electronic copy of Depot Repair Engineering Change Proposal Verification and Application Report (Attachment 11) to PM M&HTV, PMM 206.1, Program Logistician, Deborah Zettlemoyer, deborah.zettlemoyer@usmc.mil not later than the 10th of every month for all MTVRs completed the previous month.

5.18.3. **Reports for LOGCOM**. The contractor shall complete the Physical Inventory Document (Attachment 12 upon request by LOGCOM); COMSEC Material Report (Attachment 13); DD Form 1149 Requisition and Invoice/Shipping Document (Attachment 14); DD Form 1148 Issue Release/Receipt Document (Attachment 15), and Marine Corps Logistic Command Discrepancy Report (Attachment 16) and submit to smblogcommmcmsb@usmc.mil, as required.

PART 6
APPLICABLE PUBLICATIONS

6.1. **Applicable Documents**. The following documents form a part of this PWS to the extent specified. Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-6396, DSN 442-6396, or on the Internet at. https://assist.dla.mil. Copies of other government documents and publications required by Contractors in connection with specific PWS requirements shall be obtained from Marine Corps Logistics Command, 814 Radford Blvd., STE 20250, Publication Warehouse 1231, Albany, Georgia 31704-0250, commercial telephone number (229) 639-5412 or DSN 567-5412. Copies of engineering drawings, document drawings if applicable, shall be obtained from the Marine Corps Joint Engineering Data Management Information Control System (JEDMICS). Access to engineering drawing/documents, for read purpose only, may be obtained by accessing JEDMICS located on the following site:
https://jedmicsweb.logcom.usmc.mil , click: New User Access Request. In the event of conflict between the documents referenced herein and the contents of this PWS, the contents of this PWS shall be the superseding requirement.

6.1.1. All Technical Manuals (TM), Military Specifications, Military Standards, and Other Government Documents and Publications used to perform the IROAN for this PWS shall be current edition as the date of the contract award.

6.1.2. The Contractor shall abide by all applicable Military Specifications, Military Standards, publications, manuals, and local policies and procedures.

6.2. **Military Specifications**

MIL-PRF-32348	Powder Coating Camouflage Chemical Agent Resistant System

6.3. **Military Standards**

MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage
MIL-STD-130	Identification Marking of U. S. Military Property
MIL-STD-2073	DoD Standard Practice for Military Marking
MIL-STD-3003	Vehicles, Wheeled; Preparation for Shipment and Storage
MIL-DTL-53022	Epoxy Primer
MIL-DTL-53030	Water Borne Epoxy Primer
MIL-DTL-53084	Primer, Cathodic Electrodeposition Chemical Agent Resistant

MIL-DTL-53039	Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant
MIL-DTL-64159	Waterborne Polyurethane CARC
MIL-DTL-53072	Chemical Agent Resistant Coating
MIL-STD-642	DoD Standard Practice for Identification Marking of Combat and Tactical Transport Vehicles

6.4. **Other Government Documents and Publications**

DFARS 211.274-1	Defense Federal Acquisition Regulation Supplement Item Identification
DFARS 252.245-7001	Tagging, Labeling, and Marking of Government Furnished Property
DFARS 252.245-7002	Reporting Loss of Government Property
DFARS 252.211.7003	Defense Federal Acquisition Regulation Supplement Item Identification and Evaluation
DFARS 252.245-7003	Contractor Property Management System Administration
DFARS 252.245-7004	Reporting, Reutilization, and Disposal
DFARS 252.246-7005	Notice of Warranty Tracking of Serialized Items
DFARS 252.246-7006	Warranty Tracking of Serialized Items
DFARS 252.211-7007	Item Unique Identification of Government Property
FAR Part 45	Federal Acquisition Regulation (FAR) Identification and Registration Markings
DLM 4000.25-1	Miltary Standard Requisitioning and Issue Procedures (MILSTRIP)
DoD 4160.21-M	Defense Materiel Disposition Manual
TM 10629-DVD	MTVR, Interactive Electronic Technical Manual (IETM)
TM 10629A-OR/A	Truck Cargo, 7-Ton Operation Manual

TM 4750-OD/1	Painting and Registration Markings for Marine Corps Combat and Tactical Vehicles
TM 9-2610-200-14	Technical Manual, Operator's Unit, Direct Support, and General Support Maintenance Manual for Care, Maintenance, Repair, and inspection of Pneumatic Tires and Inner Tubes
TM 2320-DE/3	Depot Level Maintenance Technical Manual for MTVR Various C4I Integrated Systems for Reducible Cargo Trucks
TM 2320-DE/4	Depot Level Maintenance Technical Manual for MTVR Various C4I Integrated Systems for Non-Reducible Cargo Trucks
MI 2320-ID/7	Cutting Instructions for the Medium Tactical Vehicle Replacement Cab Rear Wall Armor Back Panel to Facilitate Installation of C4I Components
MI 2320-OD/4	Installation Instructions for Improved Rear Cab Isolators On Medium Tactical Vehicle Replacement
MI 2320-DE/1	Installation Instructions for Cab Suspension Modification Medium Tactical Vehicle Replacement
MI-2320-ID/6	Installation Instructions for the Emergency Egress Window Kit on Medium Tactical Vehicle Replacement Equipped with Reducible Height Armor
MI-2320-ID/5	Installation Instructions for the Emergency Egress Window Kit on Medium Tactical Vehicle Replacement Equipped with Non-Reducible Height Armor
ECP 004r1	Horn
ECP 007	Rhino Lining Corrosion Prevention
ECP 008	Half Shaft Seals
ECP 010	Engine Retarder Operation
ECP 011	Sun Visors
ECP 012	Muffler Heat Shield

ECP 017r1	Blackout Drive Light/Switch/Harness
ECP018	Reduced Air Cleaner Size for Additional Ground Clearance
ECP 019	Fuel Water Separator
ECP 021	Weapon Mounting Kit Revision
ECP 027r1	Bar Code Data Plate
ECP 033	Air Conditioning Kit (One)
ECP 038	Front Cargo Body Mounting Springs
ECP 039	Windshield Angle Addition
ECP 040r2	Starter Improvements
ECP 041	Battery Disconnect Switch
ECP 043	Air Cleaner Element and Cover Gasket
ECP 045	Engine Breather Tube
ECP 047	Front Trailer Connector Retrofit Harness
ECP 048	Engine Oil Filter
ECP 049	Chassis Electrical Harness Routing
ECP 050	Starter Relay
ECP 054	Fuel Pressure Transducer Removal
ECP 059r1	MTVR Armor Protection Kit
ECP 064	Cab Mounting Support Kit for Armor
ECP 068r1	Ready to Accept Armor (RTAA) Vehicles at Production
ECP 071	Armor Kit (MAS) Data Plates – Payload
ECP 072r1	Inter-Vehicle Cable (Running Change)

ECP 079	MTVR MAS Door Alignment Components and Procedure
ECP-086	RTAA variants Corrections from Pilot Build
ECP 087	MTVR RTAA Splash Guard Change
ECP 089r2	Reducible Height MTVR Armor Service Kits
ECP 091r2	MTVR Armor Survivability Upgrade
ECP 094r1	300 Amp Alternator Kit Revision
ECP 095r1	Mine Deflector Upgrade Kit Rubber Spaces Revision
ECP 096r1	MTVR Fuel Tank Protection Kit – 3rd Generation
ECP 099r1	Model Reconfiguration and Data Plates for use with MTVR Armor System (MAS)
ECP 101	Improved Door Overlaps for Reducible Height Armor
ECP 102	Turret Gunners Restraint System
ECP 103r1	Changes to Reducible Height Armor for LFT&E
ECP 104	IUID Data Plate
ECP 105r2	Weapons Kit Design to Accept Powered MCTAGS
ECP 106r3	Armor Upgrade Kit Improved Rear Cab Isolators
ECP 107r1	Increased Front Gross Axle Weight Rating (GAWR)
ECP 108r1	MTVR Non-Reducible Height Armor Door Replacement
ECP 110r2	Reducible Height Armor Upgrade Kits
ECP 112	Bolt Changes to MTVR ECP 108r1 Non-Reducible Height Armor Door Replacement
ECP 116r1	MTVR Stage 1 Crew Fire Suppression Kit

ECP 117r1	MTVR ABS Gen6 Update

6.5. **Military Handbooks (For Guidance)**

MIL-HDBK-61_	Configuration Management Guidance

6.6. **Industry Standards**

ANSI/ISO/ASQC Q9001-2008	Quality Management Systems – Requirements
CID A-A-59745	Zinc-Rich Coatings

6.7. **Industry Standards (For Guidance)**

ANSI/EIA-649B-2011	National Consensus Standard for Configuration Management

PART 7
ATTACHMENT/TECHNICAL EXHIBIT LISTING

7. **Attachment/Technical Exhibit List:**

7.1. Attachment 1 Technical Exhibit 1 - Performance Requirements Summary

7.2. Attachment 2 Technical Exhibit 2 - Deliverables Schedule

7.3. Attachment 3 MTVR UII Marking Location for Components

7.4. Attachment 4 Pre-Induction Limited Technical Inspection

7.5. Attachment 5 IUID/UII Pre-Induction Checklist

7.6. Attachment 6 IUID/UII Final Assembly Checklist

7.7. Attachment 7 MTVR Final Inspection Record

7.8. Attachment 8 MTVR Maintenance Production Report

7.9. Attachment 9 MTVR Monthly IROAN Checklist

7.10. Attachment 10 List of Secondary Reparable to be IUID/UII Marked

7.11. Attachment 11 Depot Repair Engineering Change Proposal Verification and Application Report

7.12. Attachment 12 Physical Inventory Document

7.13. Attachment 13 SF Form 153 COMSEC Material Report

7.14. Attachment 14 DD Form 1149 Requisition and Invoice/Shipping Document

7.15. Attachment 15 DD Form 1148 Issue Release/Receipt Document

7.16. Attachment 16 Marine Corps Logistic Command Discrepancy Report

Attachment 1

TECHNICAL EXHIBIT 1

Performance Requirements Summary

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 1. The contractor shall IROAN the MTVR armored XLWB cargo truck and upon completion of the IROAN process the MTVR armored XLWB cargo truck shall be in Condition Code "A". PWS paragraph 5.1	TM 10629A-OR/A TM 10629-DVD TM 4750-OD/1	No defective or deficient MTVR XLWB cargo trucks. No defective or deficient MTVR Drivetrains. No defective or deficient MTVR Engine Systems. No defective or deficient MTVR Electrical Systems. No defective or deficient MTVR Air Systems. No deficient MTVR Steering Systems. No Deficient MTVR Self-Recovery Winches. No deficient MTVR Wheels and Tires. No deficient MTVR Central Air Inflation Systems.	Validated Customer Complaint received by COR

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 1. (Continued) The contractor shall IROAN the MTVR armored XLWB cargo truck and upon completion of the IROAN process the MTVR armored XLWB cargo truck shall be in Condition Code "A". PWS paragraph 5.1	TM 10629A-OR/A TM 10629-DVD TM 4750-OD/I	No defective or deficient MTVR Antilock Brake Systems. No deficient MTVR Automatic Traction Control Systems. No deficient MTVR Cabs.	Validated Customer Complaint received by COR.
PRS# 2. The contractor shall upgrade all MTVR armored XLWB cargo trucks to the latest configuration. PWS paragraph 5.5.	TM 10629A-OR/A TM 10629-DVD TM 2320-DE/3 TM 2320-DE/4 MI 2320-ID/7 MI 2320-OD/4 MI 2320-DE/1 MI-2320-ID/6 MI-2320-ID/5	No defective or deficient MTVR XLWB cargo trucks. No defective or deficient MTVR Drivetrains. No defective or deficient MTVR Engine Systems. No defective or deficient MTVR Electrical Systems. No defective or deficient MTVR Air Systems. No defective or deficient MTVR Steering Systems. No defective or deficient MTVR Self-Recovery Winches.	Validated Customer Complaint received by COR

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 2. (Continued)The contractor shall upgrade all MTVR armored XLWB cargo trucks to the latest configuration. PWS paragraph 5.5.	TM 10629A-OR/A TM 10629-DVD TM 2320-DE/3 TM 2320-DE/4 MI 2320-ID/7 MI 2320-OD/4 MI 2320-DE/1 MI-2320-ID/6 MI-2320-ID/5	No defective or deficient MTVR Wheels and Tires. No defective or deficient MTVR Central Air Inflation Systems. No defective or deficient MTVR Antilock Brake Systems. No deficient MTVR Automatic Traction Control Systems. No deficient MTVR Cabs.	Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 3. The contractor shall mark components in Attachment 3 with IUID. PWS paragraph 5.2 through 5.2.2.2.	TM 10629A-OR/A TM 10629-DVD TM 2320-DE/3 TM 2320-DE/4 MI 2320-ID/7 MI 2320-OD/4 MI 2320-DE/1 MI-2320-ID/6 MI-2320-ID/5	Zero deviation from standard. All components in Attachment 3 are marked with IUID. All components marked in same location as shown in Attachment 3. IUID no less than 1 cm wide and no less than 40% in contrast. IUID label contains nomenclature; part number; original manufacture cage code and original serial number.	100 Percent Inspection Validated Customer Complaint received by COR
PRS# 4. The contractor shall ensure components in Attachment 3 are recorded in the Office of the Secretary of Defense Registry. PWS paragraph 5.2 through 5.2.2.2.	PWS paragraphs 5.2 through 5.2.2.2	Zero deviation from standard. All Components in Attachment 3 are recorded in the Office of the Secretary of Defense IUID Registry.	Validated Customer Complaint received by COR.
PRS# 5. The contractor shall ensure components in Attachment 3 are recorded in Marine Corps Temporary Data Storage. PWS paragraph 5.2 through 5.2.2.2.	PWS paragraphs 5.2 through 5.2.2.2	Zero deviation from standard. All Components in Attachments 3 are recorded in Marine Corps Temporary Data Storage (TDS).	Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 6. The contractor shall install the principal end item data plate. PWS paragraphs 5.3 through 5.3.2	TM 10629A-OR/A	Zero deviation from standard. No defective or deficient PEI data plates. PEI data plate includes IUID data matrix. PEI data plate located approximately 5 inches above striker bolt on driver side door jamb. PEI data plate permanently affixed with a rivet in each corner. Marked IAW with MIL-STD-130. Data plate includes bar coding. Data plate can be scanned when installed. Data plate includes the corresponding Human Readable Information (HRI).	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 7. The contractor shall remove all corrosion from the frame assembly. PWS paragraph 5.5.1	TM 4750-OD/1	No visible corrosion. No paint bubbling. No flaking paint.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 8. The contractor shall repair and repair or replace, as necessary, all worn frame brackets. PWS paragraph 5.5.1	TM 10629-DVD	No defective or deficient frame brackets.	100 percent inspection. Validated Customer Complaint received by COR.
PRS# 9. The contractor shall inspect and repair or replace, as necessary all defective frame mounts. PWS paragraph 5.5.1	TM 10629-DVD	No defective or deficient frame mounts.	100 percent inspection. Validated Customer Complaint received by COR.
PRS# 10. The contractor shall inspect and repair or replace, as necessary, cracked or defective cross-members. PWS paragraph 5.5.1	TM 10629-DVD	No cracked cross-members. No defective or deficient cross-members.	100 percent inspection. Validated Customer Complaint received by COR.
PRS# 11. The contractor shall inspect, and repair or replace, as necessary, all defective frame assembly components. PWS paragraph 5.5.1	TM 10629-DVD	No defective or deficient frame assembly components.	100 percent inspection. Validated Customer Complaint received by COR.
PRS# 12. The contractor shall inspect and repair or replace, as necessary, all axle assemblies. PWS paragraph 5.5.2	TM 10629-DVD	No defective or deficient axle assemblies. No anti-sway bar movement.	Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 13. The contractor shall ensure axle assemblies contain the Correct type and amount of gear oil. PWS paragraph 5.5.2	TM 10629-DVD TM 10629A-OR/A	Axle assemblies filled with Gear Oil 80W90. Gear oil level with bottom of filler hole.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 14. The contractor shall provide axle assemblies that have no class I, II, or III gear oil leaks. PWS paragraph 5.5.2	TM 10629-DVD	No class I, II, or III gear oil leaks.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 15. The contractor shall inspect and repair or replace, as necessary, all axle assembly bearings. PWS paragraph 5.5.2	TM 10629-DVD	No defective or deficient axle assembly bearings.	Validated Customer Complaint received by COR.
PRS# 16. The contractor shall inspect and repair or replace, as necessary, all axle assembly boots. PWS paragraph 5.5.2	TM 10629-DVD	No defective or deficient axle assembly boots.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 17. The contractor shall inspect and repair or replace, as necessary, all axle assembly seals. PWS paragraph 5.5.2	TM 10629-DVD	No defective or deficient assembly seals.	Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 18. The contractor shall inspect and repair or replace, as necessary, the C12 engine and accessories. PWS paragraph 5.5.3	TM 10629-DVD TM 10629A-OR/A	No defective or deficient C12 engine. No defective or deficient C12 engine accessories. No excessive smoke. No unusual noise. No rough running or misfiring. Serpentine belt properly tensioned. No defective or deficient engine cooling fan. No defective or deficient engine brake/retarder. Engine filled with OE/HDO 15W40 oil. Oil on engine dipstick reads full mark when cold. Rain-cap in place and functioning on top of exhaust stack.	100 percent Inspection. Validated Customer Complaint received by COR

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 18. (Continued) The contractor shall inspect and repair or replace, as necessary, the C12 engine and accessories. PWS paragraph 5.5.3	TM 10629-DVD TM 10629A-OR/A	No class I, II, or III oil leaks. Engine will only start when transmission is in neutral. Engine idles at 500 – 800 rpm in neutral. Tachometer reads 600-800 rpms with engine idling. Engine idle speed is 1500 rpm when high idle switch is in up position. Engine oil pressure reads in safe operating range. Oil PSI warning light not illuminated. Water temp does not read over 220 degrees when hot. Check Engine light not illuminated. Dipstick and fill cap are properly installed. No exhaust leaks.	Dynamometer test results documentation. 100 Percent inspection Validated Customer Complaint received by COR

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 19. The contractor shall provide a C12 engine that generates 425 horsepower at 1800 revolutions per minute (RPM). PWS paragraph 5.5.3	TM 10629-DVD	Zero deviation from standard. C12 engine generates no less than 425 horsepower at 1800 RPM.	Documentation certifying engine generates 425 horsepower at 1800 RPM
PRS# 20. The contractor shall inspect and repair or replace, as necessary, the starter. PWS Paragraph 5.5.4	TM 10629-DVD TM 10629A-OR/A	No unusual starter noise when starting engine. Starter is securely mounted. No defective or deficient starter wires.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 21. The contractor shall inspect and repair or replace, as necessary, the alternator. PWS paragraph 5.5.5	TM 10629-DVD TM 10629A-OR/A	Zero deviation from standard. Only 300 ampere alternator installed. 24 volt gauge reads between 24-30 volts at idle.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 22. The contractor shall inspect and repair or replace, as necessary, the transfer case. PWS paragraph 5.5.6	TM 10629-DVD TM 10629A-OR/A	No class I, II, or III oil leaks. Filled with OE/HDO 40. Oil Level even with fill plug.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 23. The contractor shall inspect and repair or replace, as necessary, the transmission. PWS paragraph 5.5.7	TM 10629-DVD TM 10629A-OR/A	No defective or deficient transmissions. No class I, II, or III oil leaks. Transmission filled with OE/HDO 15W40. Fluid on dipstick is within cold run band when transmission is cold. Temperature not over 160 degrees at idle. Normal operating temperature reads between 160-250. No defective or deficient vent hoses. Vent hoses properly mounted. Shifts through all gears smoothly. Operates in all gears. Changes gears smoothly during operation.	Dynamometer test results documentation. 100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 23. (Continued) The contractor shall inspect and repair or replace, as necessary, the transmission. PWS paragraph 5.5.7	TM 10629-DVD TM 10629A-OR/A	Back-up alarm sounds when transmission is in reverse. Back up light is on when transmission is in reverse.	Dynamometer test results documentation. 100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 24. The contractor shall inspect and repair or replace, as necessary, the winch. PWS paragraph 5.5.8	TM 10629-DVD TM 10629A-OR/A	No class I, II, or III oil leaks. No defective or deficient winch when winding or unwinding winch cable.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 25. The contractor shall replace the winch cable and clevis. PWS paragraph 5.5.8.1	TM 10629-DVD	New cable and clevis installed. No clevis pin and cotter pin present. Entire cable is lubricated with Carwell Lube. No broken winch cable wires.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 26. The contractor shall inspect and replace, as necessary, the hydraulic reservoir as necessary. PWS paragraph 5.5.9.	TM 10629-DVD TM 10629A-OR/A	Hydraulic reservoir filled with OE/HDO 15W40. Hydraulic fluid level is at the top range mark on hydraulic reservoir after the PEI has been operated. Hydraulic fluid is not milky, foamy or dirty.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 27. The contractor shall inspect and repair or replace, as necessary, the mirrors. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient mirrors. Right and left mirrors installed. No broken, cracked or loose mirrors. Mirrors adjustable to six positions. Spotter mirror installed on both mirrors.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 28. The contractor shall inspect and replace, as necessary, the wiper arms. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient wiper arms. Wiper arms installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 29. The contractor shall inspect and replace, as necessary, the windshield washer bottle. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient windshield washer bottle. Windshield washer bottle filled with washer fluid. Windshield washer sprays washer fluid on windshield.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 30. The contractor shall inspect and repair or replace, as necessary, the cab and hood. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient cab and hood. No defective or deficient cab mounts. No defective or deficient cab shocks. No broken welds.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 31. The contractor shall inspect and repair or replace, as necessary, the cab doors. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient cab doors. Cab doors open and close properly. Combat lock engages and disengages.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 32. The contractor shall inspect and repair or replace, as necessary, the seatbelts. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient seat belts and buckles.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 33. The contractor shall inspect and repair or replace, as necessary, the seats. PWS paragraph 5.5.10.	TM 10629-DVD TM 10629A-OR/A	No defective or deficient seats.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 34. The contractor shall inspect and repair or replace, as necessary, the gunner's restraint system PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient Gunner's restraint system.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 35. The contractor shall inspect and repair or replace, as necessary, the rifle mount on each door. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient rifle mounts. Rife mounts installed on both doors.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 36. The contractor shall inspect and repair or replace, as necessary, the horn. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient horn.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 37. The contractor shall inspect and repair or replace, as necessary, the speedometer. PWS paragraph 5.5.10	TM 10629-DVD TM 10629A-OR/A	No defective or deficient Speedometer.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 38. The contractor shall inspect and repair or replace, as necessary, the cab switches and cab gauges. PWS paragraph 5.5.10.1	TM 10629-DVD TM 10629A-OR/A	No defective or deficient cab gauges. No defective or deficient cab switches.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 39. The contractor shall inspect and repair or replace, as necessary, the fan controls. PWS paragraph 5.5.10.1	TM 10629-DVD TM 10629A-OR/A	No defective or deficient fan operation in all settings.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 40. The contractor shall inspect and repair or replace, as necessary, the air restriction indicator. PWS paragraph 5.5.10.1	TM 10629-DVD TM 10629A-OR/A	Air restriction indicator reads below 25 inches.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 41. The contractor shall inspect and repair or replace, as necessary, the warning lights, flashers and buzzers PWS paragraph 5.5.10.2	TM 10629-DVD TM 10629A-OR/A	No defective or deficient cab lights. No defective or deficient cab flashers. No defective or deficient cab buzzers.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 42. The contractor shall inspect or replace, as necessary, any damaged armored windshields or windows. PWS paragraph 5.5.10.3	TM 10629-DVD TM 10629A-OR/A	No delamination in glass. Glass is not cloudy. No scratches over 6 inches long. No cracks in glass. No scratches in driver windshield	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 43. The contractor shall inspect and repair or replace, as necessary, the glad-hands PWS paragraph 5.5.11	TM 10629-DVD TM 10629A-OR/A	No air leaks. No defective or deficient air lines. No rotted seals. No clogged glad-hands.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 44. The contractor shall inspect and repair or replace, as necessary, the XLWB cargo body. PWS paragraph 5.5.12	TM 10629-DVD TM 10629A-OR/A	No defective or deficient ISO locks. ISO locks operate freely. No defective or deficient cargo hold downs. Cargo hold downs operate freely. No defective or deficient tailgate rubber stops. No defective or deficient tailgate hinges and T-bolt locking handles. No missing T-bolt locking handles. All T-bolt locking handles installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 45. The contractor shall inspect and repair or replace, as necessary, the stowage boxes. PWS paragraph 5.5.12	TM 10629-DVD TM 10629A-OR/A	No defective or deficient hinges on stowage boxes. No defective or deficient doors on stowage boxes. No corrosion in or on the stowage box. Stowage compartment door installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 46. The contractor shall inspect and repair or replace, as necessary, the cross members. PWS paragraph 5.5.12.	TM 10629-DVD	No defective or deficient cross members. No loose or broken screws in cross members.	100 Percent Validated Customer Complaint received by COR.
PRS# 47. The contractor shall replace all wood sills. PWS paragraph 5.5.12	TM 10629-DVD	Zero deviation from standard. New wood sills installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 48. The contractor shall inspect and repair or replace, as necessary, the troop seats. PWS paragraph 5.5.13	TM 10629-DVD TM 10629A-OR/A	No defective or deficient troop seats and back rests. Troop seats and back rests installed in stowage compartment.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 49. The contractor shall inspect and repair or replace, as necessary, the radiator. PWS paragraph 5.5.14	TM 10629-DVD TM 10629A-OR/A	No coolant system leaks. No defective or deficient radiator splashguards. No defective or deficient coolant hoses. No defective or deficient coolant overflow tank and cap.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 49. (Continued) The contractor shall inspect and repair or replace, as necessary, the radiator. PWS paragraph 5.5.14	TM 10629-DVD TM 10629A-OR/A	Coolant system filled with antifreeze, coolant, A-A-52624. Coolant level in overflow tank above the cold mark.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 50. The contractor shall inspect and repair or replace, as necessary, the charge air cooler. PWS paragraph 5.5.14	TM 10629-DVD TM 10629A-OR/A	No defective or deficient air cooler.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 51. The contractor shall inspect and repair or replace, as necessary, the propeller shafts. PWS Paragraph 5.5.15	TM 10629-DVD TM 10629A-OR/A	No defective or deficient universal joint or slip yoke.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 52. The contractor shall inspect and repair or replace, as necessary, the hydraulic pumps. PWS paragraph 5.5.16	TM 10629-DVD TM 10629A-OR/A	No class I, II or III leaks. No defective or deficient hydraulic pumps.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 53. The contractor shall inspect and repair or replace, as necessary, the power take off PWS 5.5.16	TM 10629-DVD TM 10629A-OR/A	No class I, II or III leaks. No defective or deficient universal joint or slip yoke on the PTO.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 54. The contractor shall inspect and repair or replace, as necessary, the steering system. PWS Paragraph 5.5.17	TM 10629-DVD TM 10629A-OR/A	No class I, II or III leaks. No defective or deficient steering wheel system. No defective or deficient steering reservoir. No defective or deficient steering gear assemblies.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 55. The contractor shall inspect and repair or replace, as necessary, the fuel tank PWS Paragraph 5.5.18	TM 10629-DVD TM 10629A-OR/A	No Class I II or III fuel leaks. No defective or deficient certification tags. No defective or deficient mounting hardware and liners. Strainer clean and installed. Fuel cap clean and installed. No sludge in fuel tank.	100 Percent Inspection Validated Customer Complaint received by COR

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 55. (Continued) The contractor shall inspect and repair or replace, as necessary, the fuel tank PWS Paragraph 5.5.18	TM 10629-DVD TM 10629A-OR/A	No defective or deficient mine protection kit. Mine protection kit installed on fuel tank. No defective or deficient fuel sending unit wires.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 56. The contractor shall have 20 gallons of fuel in the fuel tank upon completion of repair. PWS Paragraph 5.5.18	TM 10629-DVD TM 10629A-OR/A	No less than 20 gallons fuel (1/4 full) when IROAN is completed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 57. The contractor shall inspect and repair or replace, as necessary, the wheels. PWS Paragraph 5.5.19.	TM 10629-DVD TM 10629A-OR/A	No broken, cracked or bent wheel surfaces. Wheels do not wobble when vehicle is in operation. All wheel covers installed. All studs installed and nuts properly torque.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 58. The contractor shall inspect and replace, as necessary, tires that are un-serviceable. PWS paragraph 5.5.20	TM 10629-DVD TM 10629A-OR/A TM 9-2610-200-14	No cupping on tires. No chucking on tires. No cuts on tires. No gouges on tires. No cracks on tires. Tires shall have at least ¾ inch tread depth.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 59. The contractor shall replace all O rings when un-serviceable tires are replaced. PWS paragraph 5.5.20	TM 10629-DVD TM 10629A-OR/A	All O rings replaced if tire(s) are replaced. Zero deviation from standard.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 60. The contractor shall inspect and replace, as necessary, the mudflaps. PWS paragraph 5.5.21	TM 10629-DVD	No defective or deficient mudflaps. All mudflaps installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 61. The contractor shall inspect and repair or replace, as necessary, the brake system PWS paragraph 5.5.22	TM 10629-DVD TM 10629A-OR/A	No air leaks. No defective or deficient brake system. Brakes engage when brake pedal is pushed. Vehicle will not move when parking brake engaged.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 62. The contractor shall inspect and repair or replace, as necessary, the hubs. PWS paragraph 5.5.23	TM 10629-DVD	No defective or deficient hubs.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 63. The contractor shall inspect and repair or replace, as necessary, the brake drums. PWS paragraph 5.5.23	TM 10629-DVD	No defective or deficient brake drums.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 64. The contractor shall inspect and repair or replace, as necessary, the antilock brake system. PWS paragraph 5.5.24	TM 10629-DVD	No defective or deficient antilock brake system.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 65.The contractor shall inspect and repair or replace, as necessary, the central tire inflation system. PWS paragraph 5.5.25	TM 10629-DVD	No air leaks. No defective or deficient CTIS. CTIS will increase pressure to tires. CTIS will decrease pressure to tires.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 66. The contractor shall replace all batteries with NSN 6140-01-446-9506. PWS paragraph 5.5.26.	TM 10629-DVD	Zero deviation from standard. No corrosion on battery post and terminals. No used batteries. Battery disconnect switch operates properly.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 67. The contractor shall inspect and repair or replace, as necessary, the battery box. PWS paragraph 5.5.26.	TM 10629-DVD	No corrosion in battery box. Battery box cover installed and not damaged.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 68. The contractor shall inspect and replace, as necessary, all defective battery cables. PWS paragraph 5.5.26.	TM 10629-DVD	No defective or deficient cables. No defective or deficient slave receptacle. Slave receptacle free of dirt, sand and debris.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 69. The contractor shall inspect and replace, as necessary, the lights. PWS paragraph 5.5.27	TM 10629-DVD	No defective or deficient lights. No defective or deficient reflectors. All reflectors installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 70. The contractor shall inspect and repair or replace, as necessary, the suspension components. PWS paragraph 5.5.28	TM 10629-DVD	No defective or deficient suspension components. No defective or deficient jounce bumper. No defective or deficient rebound bumper.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 71. The contractor shall inspect and replace, as necessary, any defective shock absorbers. PWS paragraph 5.5.28	TM 10629-DVD	No class I, II or III leaks from the shock absorbers. No defective or deficient shock absorbers.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 72. The contractor shall inspect and repair or replace, as necessary, the treadle valves. PWS paragraph 5.5.29	TM 10629-DVD	No defective or deficient treadle valves.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 73. The contractor shall inspect and repair or replace, as necessary, the air dryers. PWS paragraph 5.5.29	TM 10629-DVD	No defective or deficient air dryers. Air dryer purges when governor shuts off air compressor at 125 psi. No defective or deficient air lines and fittings to the air dryer. No defective or deficient wires to air dryer.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 74. The contractor shall inspect and repair or replace, as necessary, the after coolers. PWS paragraph 5.5.29	TM 10629-DVD	No defective or deficient after coolers. No defective or deficient air lines and fittings to the after cooler.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 75. The contractor shall inspect and repair or replace, as necessary, the air tanks. PWS paragraph 5.5.30	TM 10629-DVD	No defective or deficient air tanks. No air leaks at the air tanks.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 76. The contractor shall inspect and repair or replace, as necessary, the air reservoirs PWS paragraph 5.5.30	TM 10629-DVD	No defective or deficient air reservoirs. No air leaks. No condensation in air reservoirs.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 77. The contractor shall inspect and repair or replace, as necessary, the air compressor. PWS paragraph 5.5.31	TM 10629-DVD	When air pressure drops below 64 – 76 psi in the primary reservoirs the buzzer sounds and the low air 2 indicator illuminates. When air pressure drops below 64 – 76 psi in the supply and secondary reservoirs the buzzer sounds and the low air 1 indicator illuminates.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 78. The contractor shall inspect and repair or replace, as necessary, the air governor assembly. PWS paragraph 5.5.32	TM 10629-DVD	No air leaks.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 79. The contractor shall inspect and repair or replace, as necessary, the air cleaner. PWS paragraph 5.5.33.	TM 10629-DVD	New air filter. No defective or deficient piping to the air cleaner.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 80. The contractor shall inspect and repair or replace, as necessary, the air condition system. PWS paragraph 5.5.34	TM 10629-DVD	No defective or deficient air condition system. No defective or deficient compressor. No defective or deficient hoses. No oil leaks. No A/C coolant leaks. No defective or deficient AC switch in all settings. Air blows out all A/C vents. No defective or deficient air compressor mounts.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 81. The contractor shall replace the transmission breather. PWS paragraph 5.5.35	TM 11466A-OR TM 10629-DVD	Zero deviation from standard. New transmission breather installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 82.The contractor shall inspect and replace, as necessary, the vent hoses. PWS paragraph 5.5.35	TM 10629-DVD	No defective or deficient vent hoses.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 83. The contractor shall inspect and repair or replace, as necessary, the fuel and water separator assembly. PWS paragraph 5.5.36	TM 10629-DVD	No class I, II or III leaks. No water in sediment bowl. No defective or deficient fuel water separator.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 84. The contractor shall inspect and repair or replace, as necessary, the fuel priming and fuel transfer pump assemblies. PWS paragraph 5.5.37	TM 10629-DVD	No class I, II or III leaks. No defective or deficient fuel priming assembly. No defective or deficient fuel transfer pump assembly.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 85. The contractor shall inspect and replace, as necessary, the turbocharger assembly. PWS paragraph 5.5.38.	TM 10629-DVD	No defective or deficient turbocharger assembly. No exhaust leaks. All mounting screws, pipes, and clamps installed. No defective or deficient oil supply line and drain line.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 86. The contractor shall remove all rust and corrosion. PWS 5.5.39	TM 4750-OD/1	Zero deviation from standard. No rust. No Corrosion.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 87. The contractor shall stencil and paint the exterior and interior with CARC. PWS paragraph 5.5.40.	TM 4750-OD/1 MIL-DTL-53022 MIL-DTL-53030 MIL-DTL-53084 MIL-DTL-53039 MIL-DTL-64159 MIL-DTL-53072	Zero deviation from standard. Interior and exterior painted with CARC.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 88. The contractor shall rustproof the MTVR. PWS paragraph 5.5.41	TM 4750-OD/1	Zero deviation from standard. No rust or corrosion.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 89.The contractor shall undercoat the vehicle with SG510A or Tectyl 2423. PWS paragraph 5.5.42	TM 10629-DVD TM 4750-OD/1 MIL-DTL-53022 MIL-DTL-53030 MIL-DTL-53084 MIL-DTL-53039 MIL-DTL-64159 MIL-DTL-53072	Zero deviation from standard. No rust or corrosion.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 90. During the undercoating process the contractor shall not apply SG510 or Tectyl 2423 to non-metallic hoses, wiring harnesses, grease fitting, and data plates. PWS paragraph 5.5.42	TM 10629-DVD TM 4750-OD/1	No undercoating on non-metallic hoses, wiring harnesses, grease fitting, and data plates.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 91. The contractor shall inspect, repair or replace, as necessary, all COEI. PWS paragraph 5.5.44	TM 10629A-OR/A.	All COEI installed or placed in crate in bed of truck with an inventory sheet inside and outside the crate.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 92. The contractor shall remove, clean, inspect, remove all corrosion, prime and repaint all armor prior to re-installation. PWS paragraph 5.5.47	TM 10629-DVD	Zero deviation from standard. No defective or deficient armor. Corrosion on armor. All armor primed and painted with CARC.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 93. The contractor shall inspect and repair or replace, as necessary, the weapons mount. PWS paragraph 5.5.48.	TM 10629-DVD	No defective or deficient weapons mount. Weapon mount installed. Weapon mount rotates and locks. Weapon mount roof cover installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 94. The contractor shall inspect and repair or replace, as necessary, the MCTAGS. PWS paragraph 5.5.49.	TM 11466A-OR.	No defective or deficient MCTAGS. No MCTAGS that are different color from vehicle.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 95. The contractor shall put a condition code "A" MCTAGS in the bed of the truck upon completion of IROAN. PWS paragraph 5.5.49.	TM 11466A	Condition Code "A" MCTAGS is in a crate and loaded in cargo bed with color and NSN 2540-01-546-4267 stamped on crate.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 96. The contractor shall inspect and repair or replace, as necessary, the battery powered motorized traversing unit and manual traversing unit. PWS paragraph 5.5.50.	TM 11466A-OR TM 10629-DVD	No defective or deficient battery powered motorized traversing unit. No defective or deficient manual traversing unit.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS #97. The contractor shall install the various C4I integrated systems A-Kits. PWS paragraph 5.5.51 through 5.5.51.7	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. No defective or deficient wiring harnesses in the C4I integrated systems. All wiring harnesses have continuity and ground. No defective or deficient hardware kits.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 98. The contractor shall install the Crew Vehicle Receiver Jammer (CVRJ) A-Kit hardware and CVRJ A-Kit wiring in the reducible and non-reducible XLWB cargo trucks. PWS paragraph 5.5.51.1	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. Crew Vehicle Receiver Jammer A-Kit hardware installed. Crew Vehicle Receiver Jammer A-Kit wiring installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 99. The contractor shall install the Blue Force Tracker (BFT) A-Kit hardware and BFT A-Kit wiring in the reducible and non-reducible XLWB cargo trucks. PWS paragraph 5.5.51.2	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. Blue Force Tracker A-Kit hardware installed. Blue Force Tracker A-Kit wiring installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 100. The contractor shall install the Driver Vision Enhancer (DVE) A-Kit hardware and DVE A-Kit wiring in the reducible and non-reducible XLWB cargo trucks. PWS paragraph 5.5.51.3.	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. Driver Vision Enhancer A-Kit hardware installed. Driver Vision Enhancer A-Kit wiring installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 101. The contractor shall install the Tactical Operations Command Network V (TOCNET-V) A-Kit hardware and TOCNET-V A-Kit wiring in the reducible and non-reducible XLWB cargo trucks. PWS paragraph 5.5.51.4.	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. Tactical Operations Command Network A-Kit hardware installed. Tactical Operations Command Network A-Kit wiring installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 102. The contractor shall install the AN/VRC-113 A-Kit hardware and AN/VRC-113A-Kit wiring in the reducible and non-reducible XLWB cargo trucks. PWS paragraph 5.5.51.5.	TM 2320-DE/3 TM 2320-DE/4	Zero deviation from standard. AN/VRC-113 A-Kit hardware installed. AN/VRC-113 A-Kit wiring installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 103. The contractor shall ensure MI 2320-ID/7 is installed. PWS paragraph 5.5.52.	MI 2320-ID/7,	Zero deviation from standard. MI 2320-ID/7 installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 104. The contractor shall ensure MI 2320-OD/4 is installed. PWS paragraph 5.5.52.	MI 2320-OD/4	Zero deviation from standard. MI 2320-OD/4 installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 105. The contractor shall ensure MI 2320-DE/1 is installed. PWS paragraph 5.5.52.	MI 2320-DE/1	Zero deviation from standard. MI 2320-DE/1 installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 106. The contractor shall ensure MI 2320-ID/6 is installed. PWS paragraph 5.5.52.	MI 2320-ID/6	Zero deviation from standard. MI 2320-ID/6 installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 107. The contractor shall ensure MI 2320-ID/5 is installed. PWS paragraph 5.5.52.	MI 2320-ID/5	Zero deviation from standard. MI 2320-ID/5 installed.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 108 The contractor shall replace all mandatory components with new components. PWS paragraph 5.6.	TM 10629-DVD and PWS paragraph 5.6	Zero deviation from standard. New wiper blades installed. All filter elements replaced. Fasteners and fittings removed during tear down and refurbishment process replaced. All belts replaced. All fluids replaced. Non-Metallic rubber hoses replaced. Winch cable and clevis replaced. All Batteries. All rubber boots on the tie rod ends. All rubber boots on the non-steer link assemblies. All rubber boots on the anti-sway bars replaced. All wood sills replaced. Ether Start Kit replaced.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 109. The contractor shall ensure all ECPs listed in the Depot Repair Engineering Change Proposal Verification and Application Report (Attachment 11) is installed. PWS paragraph 5.5.(c)	Refer to Attachment 11 for a list of all ECPs	Zero deviation from standard. All ECPs in Attachment 11 have been installed.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 110. The contractor shall install an IROAN data plate. PWS paragraph 5.7	PWS paragraph 5.7	Zero deviation from standard. Installed above PEI data plate. Attached with a rivet in each corner. IROAN data plate contains: USMC registration number; IROAN Date; Engine hours; engine miles; contractor name.	100 Percent Inspection Validated Customer Complaint received by COR
PRS# 111. The contractor shall ensure all vehicle data plates are installed and reflect latest configuration. PWS paragraph 5.8	TM 10629A-OR/A	Zero deviation from standard. Data plates reflect latest configuration. Data plates affixed with rivet in each corner.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 112. The contractor shall inspect and repair or replace, as necessary, the pintle hook. PWS paragraph 5.10	TM10629-DVD	No defective or deficient pintle hook. Safety pin is secure and functional. Pivot pin has free movement. No defective or deficient safety latch.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 113. The contractor shall perform a final inspection IAW PWS paragraph 5.11 and Attachment 7.	Attachment 7 of this PWS	Zero deviation from standard. Attachment 7 filled out for each vehicle.	100 percent inspection.
PRS# 114. The contractor shall provide a document guaranteeing workmanship and material. PWS paragraph 5.12	Paragraph 5.12 of this PWS	Provide a document that reflects the guarantee of workmanship and material to the COR. Provide a document for components with warranty to the COR.	100 percent inspection.
PRS# 115. The contractor shall mark the MTVR IAW MIL-STD-642_ and MIL-STD-129_. PWS paragraph 5.14	MIL-STD-642 MIL-STD-129	Zero deviation from standard. All marking IAW with MIL-STD-642 and MIL-STD-129.	100 Percent Inspection Validated Customer Complaint received by COR.

Performance Objective	Standard	Performance Threshold	Method of Surveillance
PRS# 116. The contractor shall be responsible for PP&P for shipment of the PEI. PWS paragraph 5.15	Paragraph 5.14 of this PWS	Zero deviation from standard. All PP&P complete. Ship PEI as directed by COR. within 10 days of notification.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 117. The contractor shall apply configuration control procedures to established configuration items. PWS paragraph 5.16	Paragraph 5.15 of this PWS.	Zero deviation from standard.	100 Percent Inspection Validated Customer Complaint received by COR.
PRS# 118. The contractor shall Utilize the MEARS Implementation Module of facilitating accurate Configuration Status Accounting Records. PWS paragraph 5.17	Paragraph 5.16 of this PWS.	Zero deviation from standard.	100 Percent Inspection Validated Customer Complaint received by COR.

Attachment 2
TECHNICAL EXHIBIT
DELIVERABLES SCHEDULE

Deliverable	Frequency	# of Copies	Medium/Format	Submit To
IUID/UII Pre-Induction Checklist Attachment 5	By the 10th of the month following induction into IROAN process	1 Original by 10th of month for all vehicles completed for previous month	Electronic MS Word Spreadsheet	PM (M&HTV) Attn: Robert Hanovich; Tony Taylor and Timothy Haire robert.hanovich@usmc.mil tony.taylor@usmc.mil timothy.haire@usmc.mil
IUID/UII Final Assembly Checklist Attachment 6	By the 10th of the month for all vehicles completed for previous month	1 Original by 10th of month for all vehicles completed for previous month	Electronic MS Word Spreadsheet	PM (M&HTV) Attn: Robert Hanovich; Tony Taylor and Timothy Haire robert.hanovich@usmc.mil tony.taylor@usmc.mil timothy.haire@usmc.mil

Deliverable	Frequency	# of Copies	Medium/Format	Submit To
MTVR Monthly IROAN Checklist Attachment 9	By the 10th of the month for all vehicles completed for previous month	1 Original by 10th of month for all vehicles completed for previous month	Electronic MS Word Spreadsheet	PM (M&HTV) Attn: Robert Hanovich; Tony Taylor and Timothy Haire robert.hanovich@usmc.mil tony.taylor@usmc.mil timothy.haire@usmc.mil
List of Secondary Reparable to be IUID/UII Marked Attachment 10	By the 10th of the month for all vehicles completed for previous month	1 Original by 10th of month for all vehicles completed for previous month	Electronic MS Word Spreadsheet	PM (M&HTV) Attn: Robert Hanovich; Tony Taylor and Timothy Haire robert.hanovich@usmc.mil tony.taylor@usmc.mil timothy.haire@usmc.mil
Depot Repair Engineering Change Proposal Verification and Application Report Attachment 11	By the 10th of the month for all vehicles completed for previous month	1 Original by 10th of month for all vehicles completed for previous month	Electronic MS Word Spreadsheet	PM (M&HTV) Deborah Zettlemoyer deborah.zettlemoyer@usmc.mil

Attachment 3
MTVR Armored Cargo Truck

UII Marking Location for Components

Figure 1. Engine
NSN 2815-01-578-7194

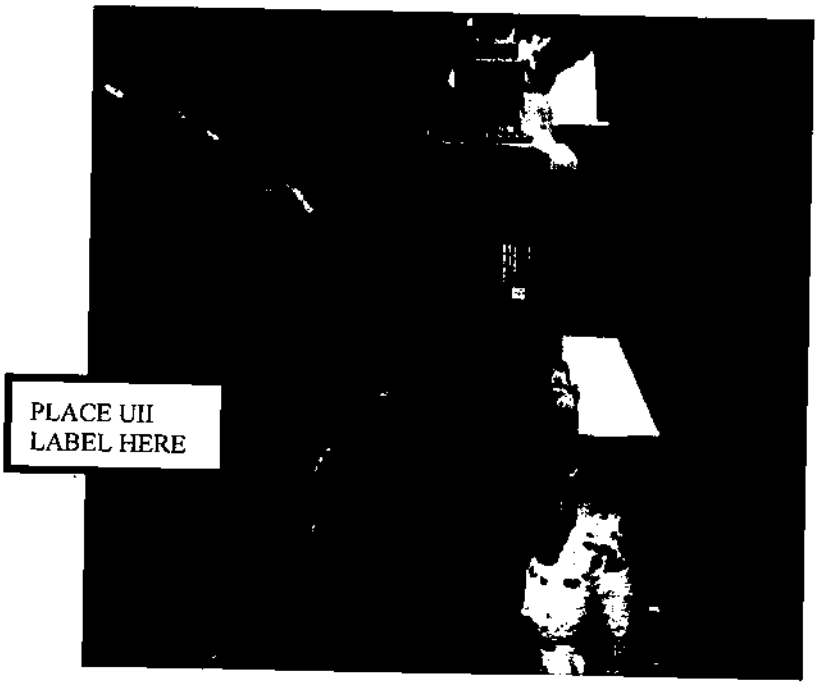

Figure 2. Transmission

NSN 2520-01-536-4208 and 2520-01-479-2170

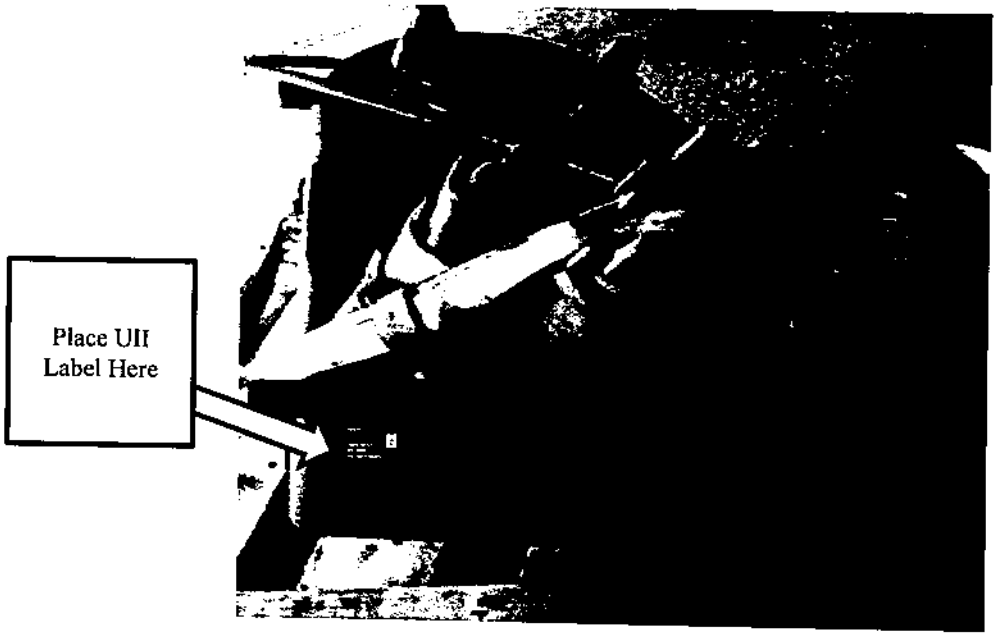

Figure 3. Transfer Case
NSN 2520-01-486-1156 and 2520-01-515-1027

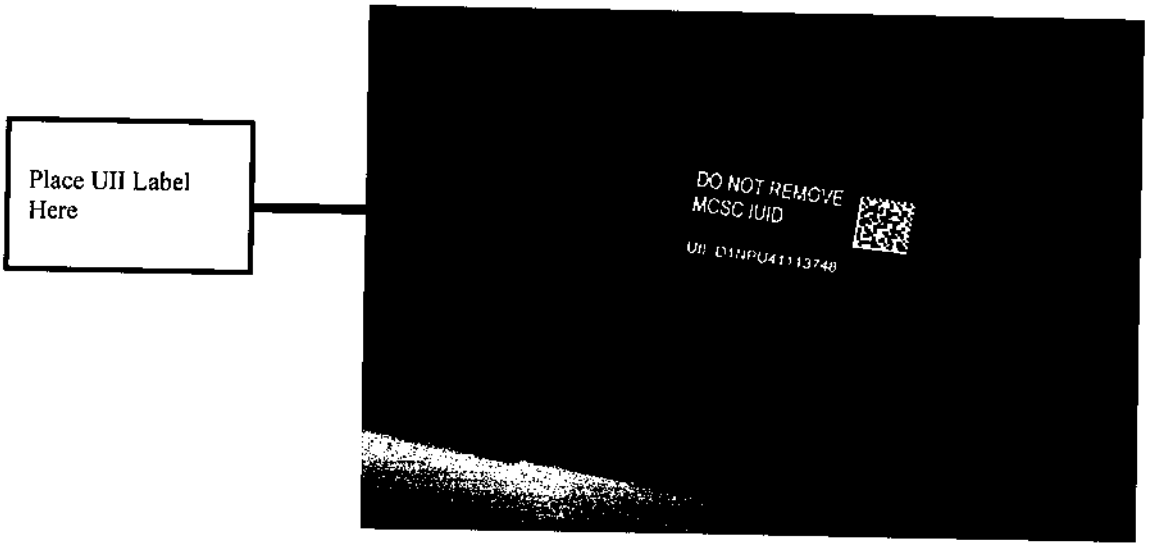

Figure 4. Starter

NSN 2990-01-474-5787

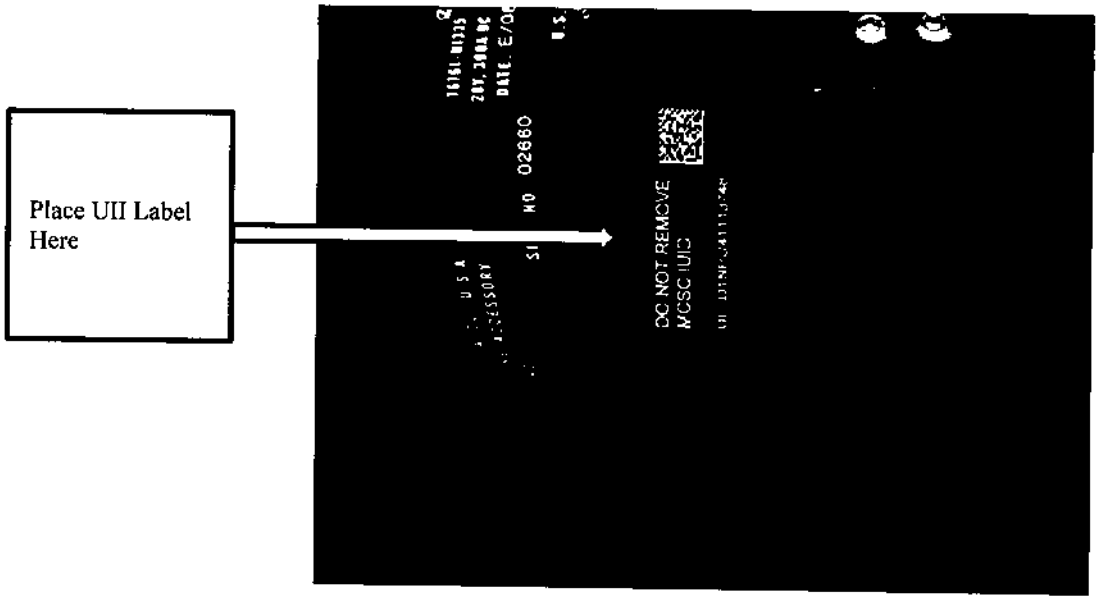

Figure 5. Alternator 300 Ampere
NSN 2920-01-561-6190

Figure 6. Front Differential
NSN 2520-01-472-9143

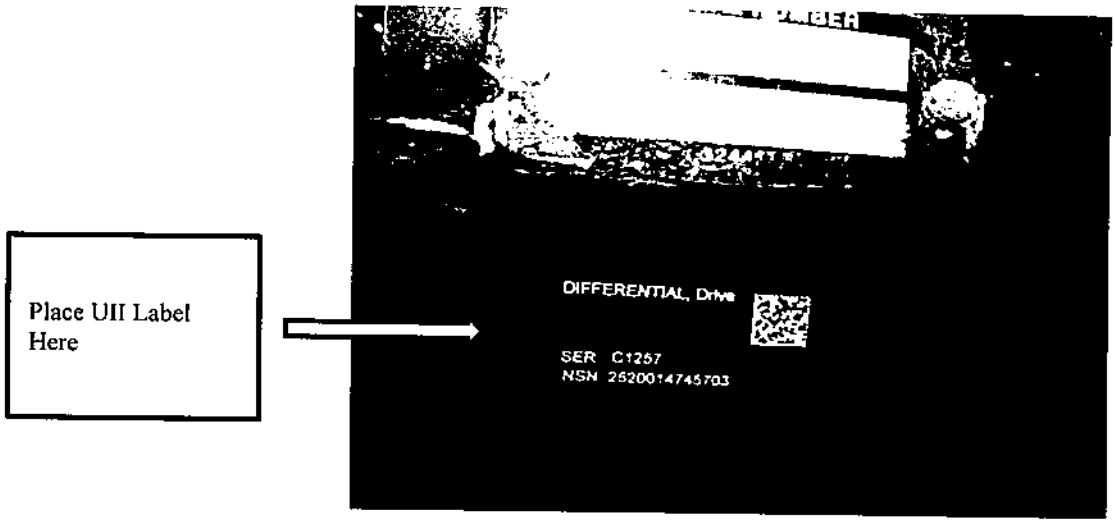

Figure 7. Differential Assembly Number 2
NSN 2520-01-472-9143

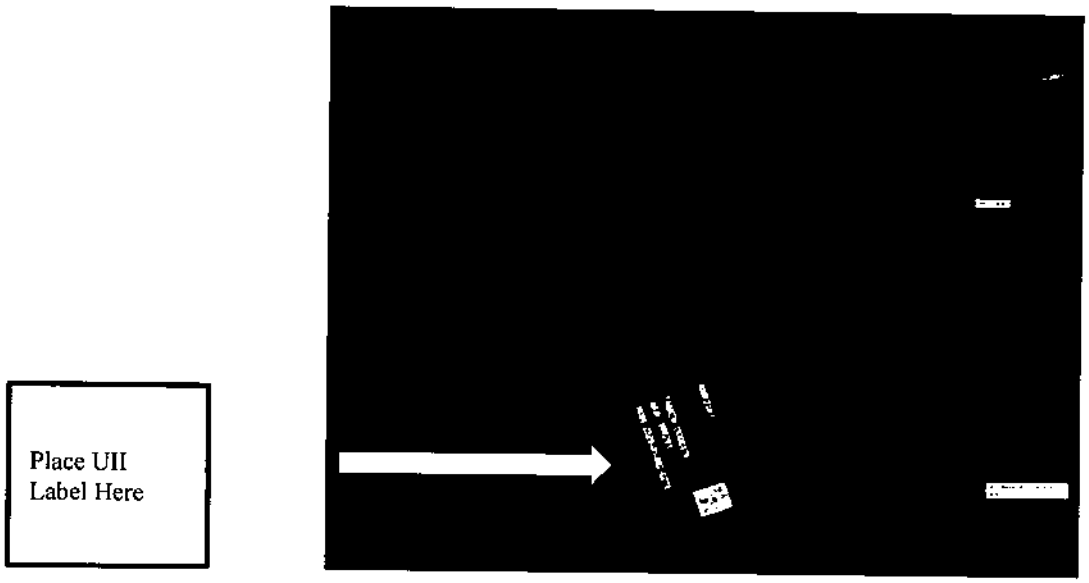

Figure 8. Differential Assembly Number 3
NSN 2520-01-472-9149

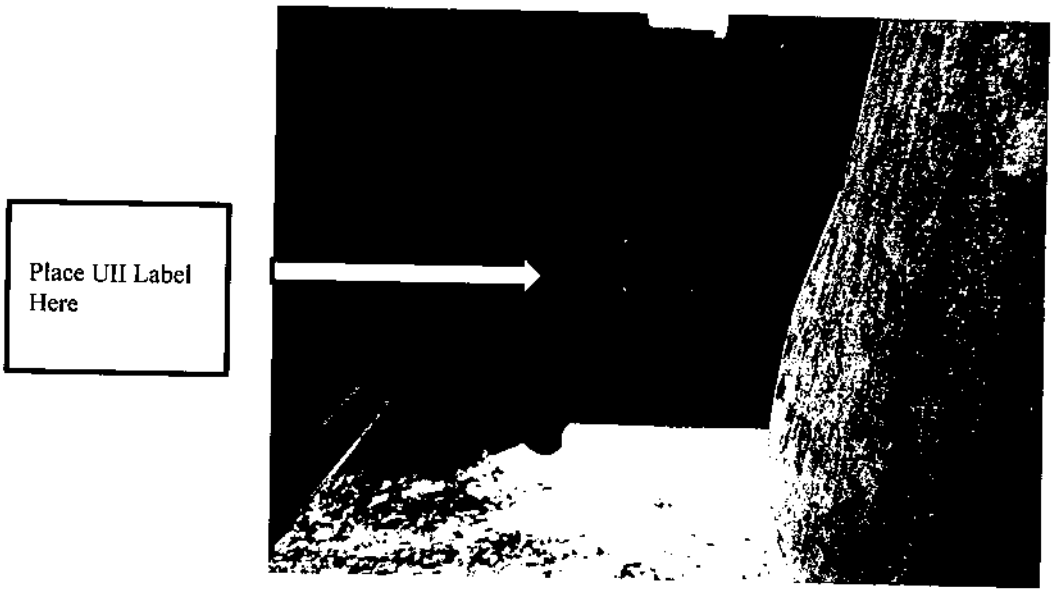

Figure 9. Steering Gear Primary
NSN 2530-01-472-9842

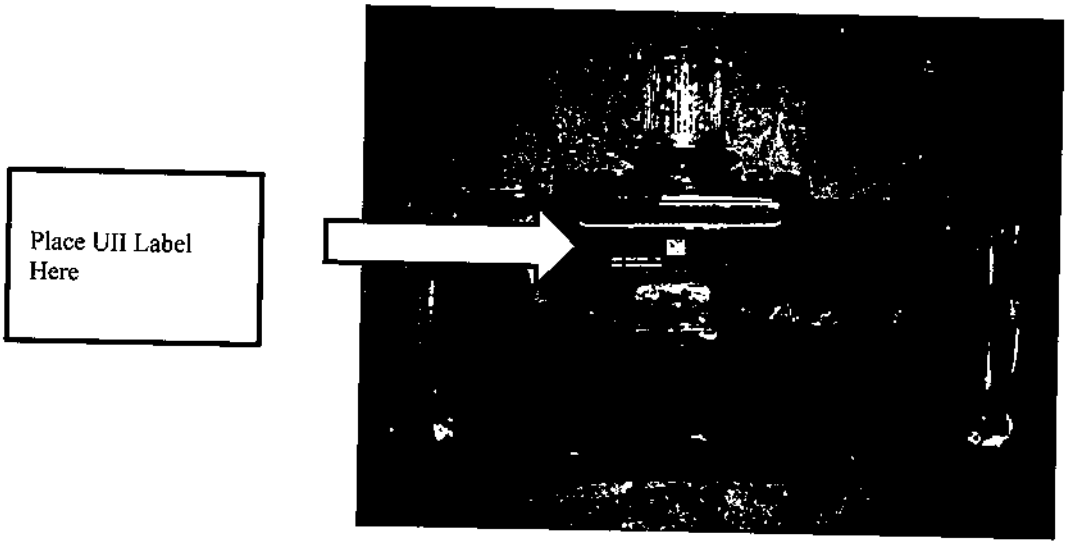

Figure 10. Steering Gear Slave
NSN 2530-01-472-9846

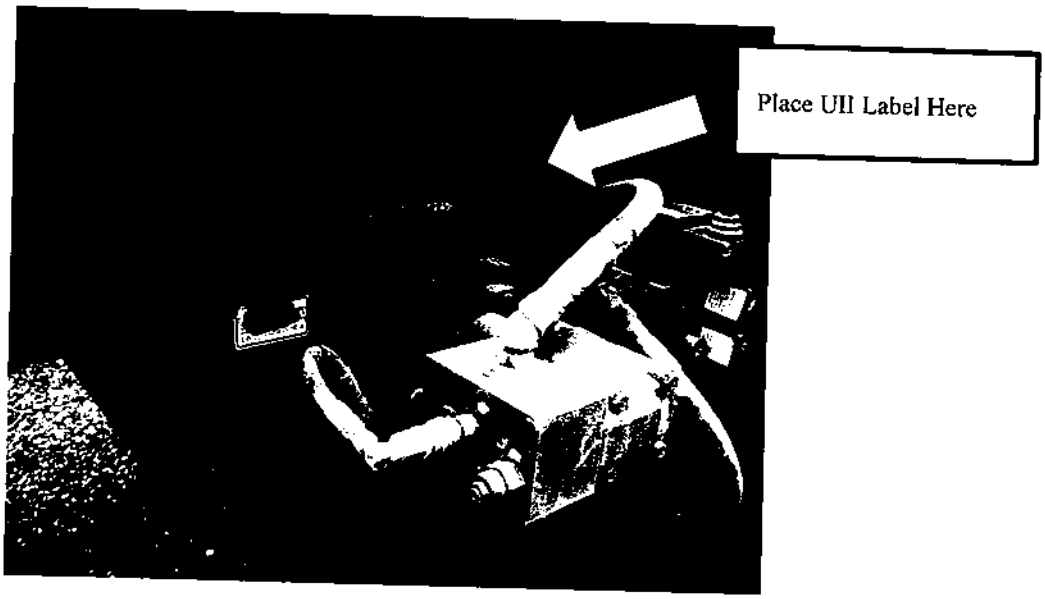

Figure 11. Winch Motor and Cable Assembly
NSN 2590-01-515-3018

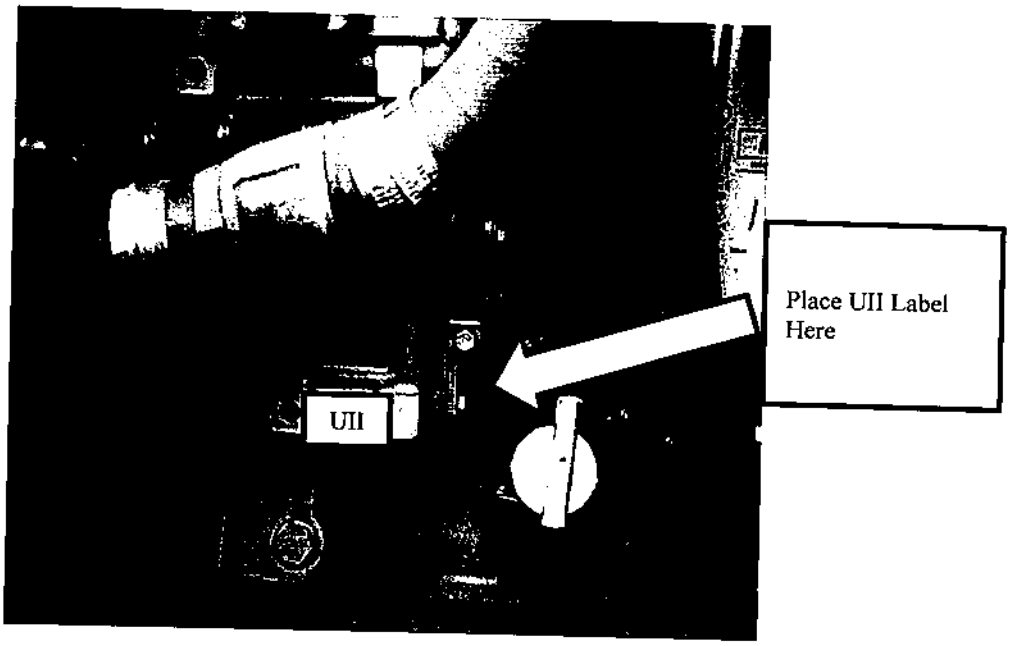

Figure 12 Air Compressor Reciprocating
NSN 4310-01-480-1311

Attachment 4

MTVR Armored Cargo Truck
Pre-Induction
Limited Technical Inspection (LTI) NAVMC 10284

LIMITED TECHNICAL INSPECTION - MOTOR TRANSPORTATION (4730)

NAVMC 10284 (REV. 4-95) (EF)

(PREVIOUS EDITIONS ARE OBSOLETE AND WILL NOT BE USED

TYPE OF VEHICLE	UNIT ASSIGNED		SIZE	DRIVE
MANUFACTURER	MODEL	CHASSIS SERIAL NO.	YEAR OF MANUFACTURE	REGISTRATION NO.
CONDITION CODE				MILEAGE

A B C D E F G H W Y Z 2

GROUP	PART	SATISFACTORY	REPAIR	REPLACE	MISSING	COST	GROUP	PART	SATISFACTORY	REPAIR	REPLACE	MISSING	COST
01	ENGINE						13	TIRES					
02	CLUTCH						13	TRACKS					
03	CARBURETOR						13	WHEELS					
03	FUEL PUMP						14	STEERING GEAR					
03	FUEL TANK						14	HYDRAULIC SYSTEM					
03	DIESEL/ MULTIFUEL						15	FRAME					
	(a) INJECTORS						15	TOWING CONNECTION					
	(b) METER. PUMP						16	SHOCK ABSORBERS					
	(c) TURBO CHARGER						16	SPRINGS					
	(d) COLD START SYSTEM						17	FENDERS					
04	EXHAUST SYSTEM						17	HOOD					
05	COOLING SYSTEM						18	BODY					
06	BATTERY						18	CAB					
06	DISTRIBUTOR						18	FLOOR					
06	ALTERNATOR						18	GLASS					
06	LIGHTS						18	INTERIOR TRIM					
06	STARTER						18	SEAT & UPHOLSTER					
06	REGULATOR						20	WINCH					
06	WIRING						21	BRUSH GUARD GRILL					
07	TRANSMISSION						21	BUMPERS					
08	TRANSFER						22	VEHICLE ACCESSORIES					
09	DRIVE SHAFT						22	CANVAS					
10	FRONT AXLE						22	INSTRUMENTS					
11	INTERMEDIATE AXLE						27	ARMAMENT					
11	REAR AXLE						28	PAINT					
12	PARKING BRAKE						28	FIFTH WHEEL					
12	SERVICE BRAKE SYSTEM						30	DUMP HOIST					
12	AIR SYSTEM						31	WRECKER BOOM					

MI/TI TO BE APPLIED

OTHER SHORTAGES

MAJOR DAMAGE OBVIOUSLY DUE TO OTHER THAN FAIR WEAR AND TEAR

LETTER OF INVESTIGATION REFERENCE:

LETTER OF UNSERVICEABLE PROPERTY REFERENCE:

TOTAL COST OF THESE REPAIRS	$
INDIVIDUAL REPAIR EXPENDITURE LIMIT	$

DATE	MECHANIC SIGNATURE	
ACTIVITY	DATE	SIGNATURE OF MAINTENANCE OFFICER

GENERAL INSTRUCTIONS

1. Purpose. The primary purposes of this form are to establish a classification for Marine Corps Motor Transport vehicles, based on their mechanical condition and to determine the economical reparability of affected vehicles. The standards of this limited technical inspection will be in the pertinent technical manual for the vehicle, except that service will not be performed nor will assemblies be disassembled for inspection.

2. After careful consideration of all deficiencies found during this inspection, the vehicle will be classified by a "letter condition code" in accordance with the following.

LETTER CONDITION

A Serviceable - issuable without qualification

B Serviceable -issuable with qualification

C Serviceable - Priority issue

D Serviceable - Test/Modification

E Unserviceable - Limited restoration

F Unserviceable - Reparable (Use Codes W, Y, Z & 2 if applicable)

G Unserviceable - Incomplete

H Unserviceable - Condemned

W Reparable Repair Cost 11 - 25% Standard unit price

Y Reparable Repair Cost 26 - 40% Standard unit price

Z Reparable Repair Cost 41 - 65% Standard unit price

2 Reparable costs of repairs above 65% of unit price

Ref: MCO P4400.82
(Detailed explanation of classifications and condition codes are contained in MCO P4400 series).

3. The condition letter determined as a result of this inspection will be marked upon the vehicle in large type in a conspicuous place with gasoline -soluble paint.

SPECIFIC INSTRUCTIONS

4. Enter the complete nomenclature of the vehicle on the first full line on the front of this form as shown by the following examples:

a. Type of vehicle - Truck, 21/2 ton, 6x6, Cargo; Wrecker; Ambulance; etc.

b. Unit assigned, 3/12, 9th MTBN, etc.

c. Size - 21/2 ton, 5 ton, etc.

d. Drive - 4x2; 6x6; 2 wheel, etc.

5. Fill in the equipment data on the following line. The model referred to in the second space is the manufacturer's model or series number for tactical vehicles. The age of the vehicle may be determined from the date of delivery imprinted on its nameplate or from available records. The mileage indicated should be the true value as determined from records if the speedometer is known to be incorrect.

6. On the third line, check the letter condition determined from this inspection.

7. Indicate the appropriate condition of the listed items according to the following categories:

a. Satisfactory - The unit is not considered to require any repairs.

b. Repair - Requires repairs which can be accomplished without major disassembly of the unit or the equipment.

c. Replace - The unit is in need of repairs which will necessitate major disassembly, or the unit is considered to be beyond economical repair.

d. Missing - The unit listed as missing will require replacement if the equipment is completed and placed in serviceable condition. Missing items must be fully justified in Remarks column. Items missing due to cannibalization will not be condoned.

8. In the blank spaces provided, list any additional items which are not in satisfactory condition, indicating the condition of each.

9. Where there is more than one unit of the listed item on the vehicle, enter the appropriate number rather than a checkmark under the column to indicate their condition.

10. Unless otherwise required, the cost figures need only be entered when the economical reparability of the vehicle is to be determined or when disposition instructions for the vehicle are requested.

11. Indicate the following information in the provided spaces:

a. MI/TI TO BE APPLIED-. This determination will be made by visual inspection without disassembly.

b. Enter any missing items not otherwise shown which will affect the class and service of the vehicle.

c. Major Damage Obviously Due to Other Than Fair Wear and Tear. - Enter items, such as frozen cylinder block, damage in transit, and damage due to wrecks, that are required to establish responsibility for this condition.

d. Remarks. - Enter any other information not otherwise included that is considered of importance and to have a bearing on the classification assigned.

Attachment 5

IUID/UII Pre-Induction Checklist

For Marine Corps Registration Number _____

NSN	Nomenclature	Is IUID/UII Mark Present Y/N	Is the IUID/UII Scannable Y/N	Has this NSN Been Validated in TDS Y/N	Has this NSN Been Validated in IUID Registry Y/N
	Principal End Item				
2815-01-578-7194	Engine Dressed with 300 Amp Alternator				
2520-01-536-4208	Transmission 4700 SP (GEN IV				
2520-01-479-2170	Transmission WTEC III				
2520-01-486-1156	Transfer Case				
2990-01-474-5787	Starter				
2920-01-561-6190	Alternator 300 Ampere				
2520-01-472-9143	Differential Assembly No 1				
2520-01-474-5703	Differential Assembly No 2				
2520-01-472-9149	Differential Assembly No 3				
2530-01-472-9842	Steering Gear, Primary				
2530-01-472-9846	Steering Gear, Slave				
2590-01-515-3018	Winch Motor and Cable Assembly				
4310-01-480-1311	Air Compressor Reciprocating				

Attachment 6

IUID/UII Final Assembly Checklist

For Marine Corps Registration Number_____

NSN	Nomenclature	Is IUID Mark Present Y/N	Is the IUID Scannable Y/N	Has this NSN Been Validated in TDS Y/N	Has this NSN Been Validated in IUID Registry Y/N
	Principal End Item				
2815-01-578-7194	Engine Dressed with 300 Amp Alternator				
2520-01-536-4208	Transmission 4700 SP (GEN IV				
2520-01-479-2170	Transmission WTEC III				
2520-01-486-1156	Transfer Case				
2990-01-474-5787	Starter				
2920-01-561-6190	Alternator 300 Ampere				
2520-01-472-9143	Differential Assembly No 1				
2520-01-474-5703	Differential Assembly No 2				
2520-01-472-9149	Differential Assembly No 3				
2530-01-472-9842	Steering Gear, Primary				
2530-01-472-9846	Steering Gear, Slave				
2590-01-515-3018	Winch Motor and Cable Assembly				
4310-01-480-1311	Air Compressor Reciprocating				

Attachment 7

Medium Tactical Vehicle Replacement (MTVR) Armored Cargo Truck

Final Inspection Record

JOB ORDER No. _____

USMC Registration Number. _____

VIN Number. _____

MILES/HOURS _____

INSPECTOR: _____

DATE: _____

This checklist is intended for use as a guideline.
The technical manual will be used to clarify discrepancies.

Section IX. ROAD TEST AND FINAL INSPECTION

1.0. MTVR Inspection and Testing Instructions

1.0.1. Each MTVR repaired shall be fully inspected, operationally tested, and certified to be complete with all discrepancies corrected.

1.0.2. Deficiency record, check-off of deficiencies, corrected records, written inspection logs, and final inspection records shall be maintained and become the permanent record of the end item.

1.0.3. Quality Control personnel shall ensure all Modification Instructions (MI's), Engineering Change Proposal (ECP), and Technical Instructions (TI's) applicable to the MTVR variant as of the date of IROAN have been applied to the MTVR to be inspected.

2.0. Inspection Safety Check

2.0.1. An inspection safety check shall be accomplished prior to MTVR operation.

2.0.2. Under no circumstances shall an inspector accept a vehicle for operational test when, due to certain apparent discrepancies, it may be hazardous to operate the vehicle.

2.0.3. The inspector will make a visual check and prepare a written check-off to determine the MTVR's readiness for inspection by noting the following:

(a) Tires properly inflated Yes_____ No_____

(b) All systems free of leaks Yes_____ No_____

(c) Brake system functions properly Yes_____ No_____

(d) Hydraulic system functions properly Yes_____ No_____

(e) Electrical system functions properly Yes_____ No_____

1. Service Taillight R_____ L_____
2. Service Stop light R_____L_____
3. Blackout Taillight R_____ L_____
4. Blackout Stop Light R_____ L _____
5. Turn indicator R_____ L _____
6. Clearance and Marker Lights R_____L_____

2.0.4. The inspector shall ensure that the following components are operational functional.

	Operates Correctly	Operates Incorrectly
a. Electronic Countermeasure	_____	_____
b. Surveillance Tracking	_____	_____
c. Driver Vision Enhancer	_____	_____
d. Communications	_____	_____
e. AN/VCR-113	_____	_____

3.0. Road Test and Final Inspection Requirements. After the vehicle has been released to the inspector for road test and final inspection, he will make a visual check of items noted in TM 10629A-OR/A. In addition, the following items will be checked prior to road test. Refer to paragraph 5.11 subparagraph (e) for road test requirements.

3.0.1. Electrical cables connected properly Yes_____ No_____

3.0.2. Air lines connected properly Yes_____ No_____

3.0.3. Hydraulic lines connected properly Yes_____ No_____

3.0.4. Road tests shall be performed on smooth, level, hard-surfaced roads at sustained speeds without incurring damage to the MTVR.

3.0.5. The vehicle shall be completely assembled and serviced, but need not be pay loaded.

3.0.6. Road Test and Final Inspection Checklist sheet shall be completed along with data sheets from the safety certification.

3.0.7. Each characteristic listed shall be inspected to ensure controllability of the vehicle combination. Inspect the MTVR according to Table 1.

Table 1

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
1	Engine Oil Level	Engine oil level should be on the "Full" mark on the engine oil dipstick when cold.	Visual/Functional		
2	Engine Coolant Level	Engine coolant should be seen in sight glass on radiator. Add coolant to radiator if not showing in sight glass. Refer to TM 10629A-OR/A	Visual/Functional		
3	Hydraulic Fluid Level	Hydraulic fluid level should be on the "full" mark in sight glass on hydraulic reservoir	Visual/Functional		
4	Fuel/Water Separator	Check fuel/water separator for water in sediment bowl	Visual/Functional		
5	Engine Idle	Engine idles at 500 – 800 rpm in neutral.	Visual/Functional		
6	Engine Oil Pressure	Idle -Ensure engine oil pressure light goes out after engine starts.	Visual/Functional		

Table I Continued

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
7	Low Air Pressure Buzzer (Brake System)	Low air pressure buzzer will stay on until air pressure in brake system reaches 64 to 76 psi (441 to 524 KPA).	Visual/Functional		
8	Air Cleaner Restriction Indication	Ensure air restriction indicator is showing yellow for clean condition.	Visual/Functional		
9	Battery Voltage	24 to 30 Volts.	Visual/Functional		
10	Automatic Traction Control	Warning! Indicator light is amber. Refer to TM 10629A-OR/A for proper operation.	Visual/Functional		
11	Fuel Level Gauge	Fuel level gauge must register equivalent to tank level.	Visual/Functional		
12	Water Temperature (after warm-up)	160° to 220°F (71°C to 104°C).	Visual/Functional		
13	Transmission Temperature (after warm-up)	160° to 250°F (71°C to 121°C).	Visual/Functional		

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
14	Transmission Oil	Check transmission oil level with engine running and transmission in neutral. If transmission temperature is below 160°F (71°C), fluid level should be in "COLD RUN" area; if above 160°F (71°C), fluid level should be in "HOT RUN" area. Refer to TM 10629A-OR/A.	Visual/Functional		
15	Windshield Washer	Check windshield washers for proper operation and adjustment.	Visual/Functional		
16	Windshield Wipers	Check windshield wipers for proper operation and travel.	Visual/Functional		
17	Heater	Check heater for proper operation.	Visual/Functional		
18	Defroster	Check heater for proper operation.	Visual/Functional		
19	Trailer Brake Control	Ensure trailer brake control operates and applies brakes properly.	Visual/Functional		
20	Throttle Treadle Valve	Ensure throttle treadle valve allows smooth acceleration. No binding or sticking are permitted.	Visual/Functional		
21	Transmission	Ensure forward and reverse operation, smooth shifting, and check for unusual noises.	Visual/Functional		

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
22	Transfer Case	Ensure high and low range operation, drive line lockup operation, and check for unusual noises.	Visual/Functional		
23	Drive train	Check for unusual noises and excessive vibration are not permitted.	Visual/Functional		
24	Steering	Ensure steering operation is smooth and does not pull or wander.	Visual/Functional		
25	Exhaust System	Ensure exhaust system is secured properly. Check for excessive smoke.	Visual/Functional		
26	Parking Brake	Ensure parking brake holds with transmission in gear and releases brakes fully.	Visual/Functional		
27	Service Brakes	Service brakes shall be tested to the extent necessary to ensure proper operation and performance. The service brakes shall control, decelerate, and stop the MTVR on dry, hard, level, smooth ground. Application of brakes on all wheels of the MTVR and trailer shall be concurrent.	Visual/Functional/ Tactile		

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
28	Wheels and Hubs	Wheels and hubs shall be free of wobble and noise.	Functional/ Audible		
29	Abnormal Heating	Wheels, hubs, and brakes shall be free of abnormal heating conditions.	Functional/Tactil		
30	Leaks (Brakes on)	Brake air system, wheel hubs, and tires shall be free of leaks.	Visual/Functional		
31	Lamp Operational	Service stop lamp, service tail lamp, blackout stop lamp, clearance lamps, and turn indicators shall operate properly and be free from defects.	Visual/Functional		
32	Seals Check	Bearings shall be checked after five-mile road test for lubrication leakage and dirt contamination.	Visual/Functional /Tactile		
33	Controls Check	All controls shall be operated and checked for functional requirements.	Visual/Functional /Tactile		
34	Adjustment Mechanism Check	All electrical, mechanical, and pneumatic adjustment mechanisms shall be checked for proper adjustment and shall be adjusted if required. Refer to TM 10629A-DVD	Visual/Functional /Tactile		

Item No	Parameter	Requirement	Method of Inspection	Pass	Fail
35	Tire Check	All tires shall be checked for mounting, installation, and conformance to requirements as specified	Visual/Functional		
36	Painting, Marking and Data Plate Check	Painting, marking, and service data plate shall be inspected for conformance to specifications and any special requirements	Visual/Functional		
37	Cleaning and Drying Specification	Exterior surfaces of vehicle shall be free of dirt grease, and any other contaminants. Exposed surface, to which application of preservative is specified, shall be cleaned and dried with applicable process procedures to accomplish cleaning without damage to the item.	Visual/Functional /Tactile		

Attachment 8
DEPOT MAINTENANCE PRODUCTION REPORT
TAMCN D0003

1. DSOR		DEPOT MAINTENANCE PRODUCTION REPORT For TAMCN D0003								
2. DSOR/CONTRACTOR AAC & POC										
A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	K.
MIPR NUMBER/CONTRACT NUMBER	NSN	TAMCN	SERIAL NUMBER	Received Not Inducted	DATE IND	Washed-out	DATE COMP	Change NSN/Ser #	Receipt DOC #	REMARKS
				1						

M67004-15-R-0017
Attachment #1

Attachment 9

MTVR Armored Cargo Truck Monthly IROAN Checklist

NSN of PEI							
USMC Registration #							
Date In							
Date Out							
Mileage After IROAN							
Hours							
Were all Vehicle Data Plates Installed? Y/N							
Were all IUID/UII data plates Installed? Y/N							
Was Engine Replaced? Y/N							
Was Transmission Replaced? Y/N							
Was Transfer Case Replaced? Y/N							

Attachment 10

List of Secondary Reparable to be IUID/UII Marked

For Marine Corps Registration Number _____

NSN	Nomenclature	Less Than $5,000 Unit Cost Y/N	Embedded Y/N	Gov Furnished Property Y/N	Warranty Y/N	Tech Data Package/MI Y/N	In OSD Registry Y/N	In USMC TDS Y/N
2815-01-578-7194	Engine Dressed with 300 Amp Alternator							
2520-01-536-4208	Transmission 4700 SP (GEN IV							
2520-01-479-2170	Transmission WTEC III							
2520-01-486-1156	Transfer Case							
2990-01-474-5787	Starter							
2920-01-561-6190	Alternator 300 Ampere							
2520-01-472-9143	Differential Assembly No 1							
2520-01-474-5703	Differential Assembly No 2							
2520-01-472-9149	Differential Assembly No 3							
2530-01-472-9842	Steering Gear, Primary							
2530-01-472-9846	Steering Gear, Slave							
2590-01-515-3018	Winch Motor and Cable Assembly							

List of Secondary Reparable to be IUID/UII Marked

NSN	Nomenclature	Less Than $5,000 Unit Cost Y/N	Embedded Y/N	Gov Furnished Property Y/N	Warranty Y/N	Tech Data Package/MI Y/N	In OSD Registry Y/N	In USMC TDS Y/N
4310-01-480-1311	Air Compressor Reciprocating							

Attachment 11

Depot Repair Engineering Change Proposal Verification and Application Report		
USMC REGISTRATION NUMER:_____ MODEL NUMBER:_____		
ENGINEERING CHANGE PROPOSAL	Nomenclature	VERIFIED/APPLIED DATE: MM/DD/YYYY
ECP 004r1	Horn	
ECP 007	Rhino Lining Corrosion Prevention	
ECP 008	Half Shaft Seals	
ECP 010	Engine Retarder Operation	
ECP 011	Sun Visors	
ECP 012	Muffler Heat Shield	
ECP 017r1	Blackout Drive Light/Switch/Harness	
ECP018	Reduced Air Cleaner Size for Additional Ground Clearance	
ECP 019	Fuel Water Separator	
ECP 021	Weapon Mounting Kit Revision	
ECP 027r1	Bar Code Data Plate	
ECP 033	Air Conditioning Kit (One)	
ECP 038	Front Cargo Body Mounting Springs	
ECP 039	Windshield Angle Addition	
ECP 040r2	Starter Improvements	
ECP 041	Battery Disconnect Switch	
ECP 043	Air Cleaner Element and Cover Gasket	

Attachment 11 Continued

ENGINEERING CHANGE PROPOSAL	Nomenclature	VERIFIED/APPLIED DATE: MM/DD/YYYY
ECP 045	Engine Breather Tube	
ECP 047	Front Trailer Connector Retrofit Harness	
ECP 048	Engine Oil Filter	
ECP 049	Chassis Electrical Harness Routing	
ECP 050	Starter Relay	
ECP 054	Fuel Pressure Transducer Removal	
ECP 059r1	MTVR Armor Protection Kit	
ECP 064	Cab Mounting Support Kit for Armor	
ECP 068r1	Ready to Accept Armor (RTAA) Vehicles at Production	
ECP 071	Armor Kit (MAS) Data Plates-Payload	
ECP 072r1	Inter-vehicle Cable (Running Change)	
ECP 079	MTVR MAS Door Alignment Components and Procedure	
ECP 086	RTAA variants - Corrections from pilot build	
ECP 087	MTVR RTAA Splash Guard Change	
ECP 089r2	Reducible Height MTVR Armor Service Kits	
ECP 091r2	MTVR Armor Survivability Upgrade	
ECP 094r1	300 Amp Alternator Kit - Revision	
ECP 095r1	Mine Deflector Upgrade Kit Rubber Spacers - Revision	
ECP 096r1	MTVR Fuel Tank Protection Kit – 3rd Generation	
ECP 099r1	Model Reconfiguration & Data Plates for use with MTVR Armor System (MAS)	
ECP 101	Improved Door Overlaps for Reducible Height Armor	
ECP 102	Turret Gunners Restraint System	

Attachment 11 Continued

ENGINEERING CHANGE PROPOSAL	Nomenclature	VERIFIED/APPLIED DATE: MM/DD/YYYY
ECP 103r1	Changes to Reducible Height Armor for LFT&E	
ECP 104	IUID Data Plates	
ECP 105r2	Weapons Kit Design to Accept Powered MCTAGS	
ECP 106r3	Armor Upgrade Kit - Improved Rear Cab Isolators	
ECP 107r1	Increased Front Gross Axle Weight Rating (GAWR) with Armor	
ECP 108r1	MTVR Non-Reducible Height Armor Door Replacement	
ECP 110r2	Reducible Height Armor Upgrade Kits	
ECP 112	Bolt Changes to MTVR ECP108r1 Non-Reducible Height Armor Door Replacement	
ECP 116r1	MTVR Stage 1 Crew Fire Suppression Kit	
ECP 117r1	MTVR ABS Gen 6 Update	

Attachment 12
Physical Inventory Document

Marine Corps Logistics Command

Maintenance Management Center

Physical Inventory Document

Document Number	TAMCN	NSN	Serial Number	Date Received	Induction Status

Attachment 13
COMSEC Material Report

1. (X one) TRANSFER INVENTORY ☐☐☐☐ DESTRUCTION HAND RECEIPT OTHER (Specify) ☐☐☐☐☐☐				
2. FROM ACCT. NO.			3. DATE OF REPORT (Year, Month, Day)	4. OUTGOING NUMBER
			5. DATE OF TRANSACTION (Year, Month, Day)	6. INCOMING NUMBER
7. TO ACCT. NO.			8. ACCOUNTING LEGEND CODES* 1 - Accountable by serial number. 2 - Accountable by quantity. 3 - Initial receipt required, locally accountable by serial number thereafter, local accounting records must be maintained for a minimum of 90 days after supersession. 4 - Initial receipt required, may be controlled in accordance with Service/ Agency directives.	
SHORT TITLE/DESIGNATOR - EDITION 9.		QUANTITY 10.	ACCOUNTING NUMBERS11.	ALC 12.* / REMARKS 13.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34			BEGINNING	
14. THE MATERIAL HEREON HAS BEEN (X one) RECEIVED ☐☐		☐ INVENTORIED	☐ DESTROYED	
15. AUTHORIZED RECIPIENT		16. (X one)	☐ WITNESS OTHER (Specify) ☐☐☐☐	
a. Signature	b. Grade	a. Signature		b. Grade
c. Typed or Stamped Name	d. Service	c. Typed or Stamped Name		d. Service
17. FOR DEPARTMENT OR AGENCY USE				

Page of Pages

Attachment 14

DD Form 1149 Requisition and Invoice/Shipping Document

SHIPPING CONTAINER TALLY ⟶ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE/ SHIPPING DOCUMENT

Form Approved OMB No. 0704-0246

Public reporting burden of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0246), Washington, DC 20503.

1. FROM (Include ZIP Code) Name Address City, State, ZIP	SHEET NO.	NO. OF SHEETS	5. REQUISITION DATE	6. REQUISITION NUMBER
	7. DATE MATERIAL REQUIRED (YYMMDD)			8. PRIORITY 1
2. TO: (Include ZIP Code)	9. AUTHORITY OR PURPOSE			
	10. SIGNATURE			11a. VOUCHER NUMBER & DATE (YYMMDD)
3. SHIP TO - MARK FOR	12. DATE SHIPPED (YYMMDD)			b.
	13. MODE OF SHIPMENT			14. BILL OF LADING NUMBER
	15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.			

4. APPROPRIATIONS SYMBOL AND SUBHEAD	OBJ. CL.	SUB. CONT. NO.	SUBALLOT	AUTHORIZATION ACCTG ACTIVITY	TRANS. TYPE	PROPERTY ACCT'G ACTIVITY	COUNTRY	COST CODE	AMOUNT

ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIAL AND/OR SERVICES (b)	UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CONTAINER (f)	CONTAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

16. TRANSPORTATION VIA MATS OR MSTS CHARGABLE TO

17. SPECIAL HANDLING

18 RECAPITULATION OF	ISSUED BY	TOTAL CONTAINERS	TYPE CONTAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE
	CHECKED BY					
	PACKED BY					
				⟵ TOTAL ⟶		

19 RECEIPT		DATE (YYMMDD)	BY	SHEET TOTAL
	CONTAINERS RECEIVED EXCEPT AS NOTED			
	QUANTITIES RECEIVED EXCEPT AS NOTED	DATE (YYMMDD)	BY	GRAND TOTAL
	POSTED	DATE (YYMMDD)	BY	20. RECEIVER'S VOUCHER NO.

DD Form 1149, DEC 93

51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 94 95 96 97 98 99 100

Attachment 15

DD Form 1148 Issue Release/Receipt Document

12 3	45 6	7		3 4	567 89		5	6789 0	1	#	45 6	78 9	#	23 4	#	78 9	0	1	2	3	456 78	90
MONTH DOC	RI FROM	MCS		MONTH ISS	QUANTITY		SERV	SUPPLEMENTARY ADDRESS	SIG	FUND	DISTRIBUTIO	PROJECT	PRI	REQD DEL DATE	ADV	RI	O/P	CONID	MCT		UNIT PRICE DOLLARS	UNIT PRICE CTS
				E A			D	ODA AC						00 0								00

1. TOTAL PRICE

DOLLARS

CTS

2. SHIP FROM: DMO MCBQ

3. SHIP TO: DODAAC

4. MARK FOR: Shipment

24. DOCUMENT NUMBER SUFFIX (30-44)

TCN

Doc Number:

5. DOC DATE | 6. NMFC | 7. FRT RATE | 8. TYPE CARGO | 9. PS

10. QTY REC'D | 11. UP | 12. UNIT WEIGHT | 13. UNIT CUBE | 14. UFC | 15. SL

16. FREIGHT CLASSIFICATION NOMENCLATURE

Item Description

17. ITEM NOMENCLATURE

25. NATIONAL STOCK NO. & ADD (6-22)

NSN:

18. TY COUNT | 19. NO CONT | 20. TOTAL WEIGHT | 21. TOTAL CUBE

22. RECEIVED BY | 23. DATE RECEIVED

26. RIC (4-6), UI (23-24,) QTY (25-29), CON CODE (71), DIST (55-56), UP (74-80)

OTHER INFO

Serial Numbers:

27. ADDITIONAL DATA

Ship To:
w/Bldg Number
City, State and Zip Code
Phone Number

Street Addess

COPY 1

Attachment 16
Marine Corps Logistic Command Discrepancy Report

Marine Corps Logistics Command
Maintenance Management Center Discrepancy Report

For a rapid response, submit this completed form to the Maintenance Management Center Workload section as soon as a discrepancy is identified.

1. Document Number:	2. TAMCN (if applicable):
3. Serial Number(s):	
4. Quantity:	5. Nomenclature:
6. NSN:	
7. Individual who signed for the assets:	8. Date(s) assets originally received:
9. Description of Discrepancy:	
10. Local actions taken to rectify discrepancy (if applicable):	
11. Enclose copies of the original shipping document(s) and pictures of the discrepancy as applicable.	
12. Point of Contact email address:	13. Point of Contact phone number:
14. Printed Name of Point of Contact:	
15. Signature of Point of Contact:	15a. Date of Submission:

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT A001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR

1. DATA ITEM No	2. TITLE OF DATA ITEM	3. SUBTITLE
	Request for Deviation	Configuration Control

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	PWS Para 5.16	LOGCOM (P706)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO		ASREQ	ASREQ
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A	C	N/A	ASREQ

16. REMARKS

Block 4: Contractor format is authorized, however the content shall include: where applicable information about the following per DI-CMAN-80640C paragraph 2.

Block 9: The following information shall be included on the deliverable: DISTRIBUTION CODE C: Limited to U.S. Government and Contractors due to Administrative and Operational Use.

Block 10/12: RFDs shall be submitted to obtain authorization to deliver nonconforming material or processes which do not meet prescribed configuration documentation.

Block 14: RFD submission notification shall be sent to desmond.graham@usmc.mil

MEARS RFD accompanying figures shall be created using a MICROSOFT formatted software or CCITT Group 4 graphic files with a minimum density of 600 dpi.

Point of contact for MEARS is Desmond Graham, 229-639-9063; desmond.graham@usmc.mil.

NSN 2320-01-530-5676 TAMCN D00037K ID 10629C
NSN 2320-01-589-0553 TAMCN D00037K ID 10629P
NSN 2320-01-552-0273 TAMCN D00037K ID 10629F
NSN 2320-01-589-1000 TAMCN D00037K ID 10629L
NSN 2320-01-530-5677 TAMCN D00037K ID 10629D
NSN 2320-01-589-4386 TAMCN D00037K ID 10629I
NSN 2320-01-551-9433 TAMCN D00037K ID 10629E
NSN 2320-01-589-4400 TAMCN D00037K ID 10629N

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	FINAL Reg	FINAL Repro
LOGCOM P706	0	1	0
DMC, SSD Code 821B	0	1	0
PM M&HTV PMM206.1	0	1	0
LOGCOM S1930		1	
15. TOTAL	0	4	0

G. PREPARED BY:	H. DATE	I. APPROVED BY	J. DAT
		BROWN.KENNETH.M.1094257049 Digitally signed by BROWN.KENNETH.M.1094257049 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USMC, cn=BROWN.KENNETH.M.1094257049 Date: 2015.02.10 09:11:32 -05'00'	

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Page 1 of 1 Pages
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CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT B001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No	2. TITLE OF DATA ITEM: Preliminary Engineering Change Proposal (PECP)	3. SUBTITLE: Configuration Control
4. AUTHORITY *(Data Acquisition Document No.)*: DI-CMAN-80639	5. CONTRACT REFERENCE: PWS Para 5.16	6. REQUIRING OFFICE: LOGCOM (P706)
7. DD 250 REQ.: NO	9. DIST STATEMENT REQUIRED: C	10. FREQUENCY: ASREQ
8. APP CODE: N/A		11. AS OF DATE: N/A
		12. DATE OF FIRST SUBMISSION: ASREQ
		13. DATE OF SUBSEQUENT SUBMISSION: ASREQ

16. REMARKS

Blk 4: MEARS PECP text files shall be submitted electronically using MICROSOFT (.doc) or ADOBE (.pdf) formatted software products.

Blk 10/Blk 12: PECPs shall be submitted to address the impact of proposed changes in general terms sufficient enough for the Government to determine if final ECPs are warranted.

Blk 14: PECP submission notification shall be sent to desmond.graham@usmc.mil

MEARS PECP accompanying figures shall be created using MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

Point of contact for MEARS access and creation, please contact Desmond Graham, 229-639-9063; desmond.graham@usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited

NSN 2320-01-530-5676 TAMCN D00037K ID 10629C
NSN 2320-01-589-0553 TAMCN D00037K ID 10629P
NSN 2320-01-552-0273 TAMCN D00037K ID 10629F
NSN 2320-01-589-1000 TAMCN D00037K ID 10629L
NSN 2320-01-530-5677 TAMCN D00037K ID 10629D
NSN 2320-01-589-4386 TAMCN D00037K ID 10629I
NSN 2320-01-551-9433 TAMCN D00037K ID 10629E
NSN 2320-01-589-4400 TAMCN D00037K ID 10629N

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	FINAL Reg	FINAL Repro
LOGCOM P706	0	1	0
DMC, SSD Code 821B	0	1	0
PM M&HTV PMM206.1	0	1	0
LOGCOM S1930		1	
15. TOTAL	0	4	0

G. PREPARED BY:	H. DATE	BROWN.KENNETH.M.1094257049	J. DAT

Digitally signed by BROWN.KENNETH.M.1094257049
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USMC, cn=BROWN.KENNETH.M.1094257049
Date: 2013.02.19 09:11:56 -05'00'

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Designed using Perform Pro, WHS/D/or, Aug 96

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT C001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR

1. DATA ITEM No.	2. TITLE OF DATA ITEM	3. SUBTITLE
	Configuration Status Accounting	ECP Effectivity Certification

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-81253A	PWS Para 5.17	LOGCOM (P706)

7. DD 250 REQ.	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO	A	As REQ	See Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A		N/A	As REQ

16. REMARKS

BLK 4. The contractor shall electronically submit Configuration Status Accounting (CSA) to the Requiring Office via MEARS Implementation Module at https://mears.1.redstone.army.mil/

BLK 4. Per DI-CMAN-81253A, CSA information shall be provided in contractor's format. The content shall include, where applicable, information about the following:

a. Specifications generated for this project
b. Drawings generated for this project
c. Software listings generated for this project
d. Supporting documents (such as test procedures, reports, analyses) generated as a part of this project
e. Special identifiers utilized to "tag" parts, assemblies, software, used in the product
f. Listings of parts installed in each serial-numbered product as delivered as as changed through maintenance and modification activities
g. Engineering changes and their implementation activities
h. Deviations and activities related to obtaining the consideration
i. Configuration audit action items and their closeout
j. For each project document, organizations performing the roles of Current Document Change

BLK12. Ten days after implementation of each ECP

Point of contact for MEARS Implementation Module questions is Desmond Graham, 229-639-9063; desmond.graham@usmc.mil

NSN 2320-01-530-5676 TAMCN D00037K ID 10629C
NSN 2320-01-589-0553 TAMCN D00037K ID 10629P
NSN 2320-01-552-0273 TAMCN D00037K ID 10629F
NSN 2320-01-589-1000 TAMCN D00037K ID 10629L
NSN 2320-01-530-5677 TAMCN D00037K ID 10629D
NSN 2320-01-589-4386 TAMCN D00037K ID 10629I
NSN 2320-01-551-9433 TAMCN D00037K ID 10629E
NSN 2320-01-589-4400 TAMCN D00037K ID 10629N

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	FINAL Reg	FINAL Repro
LOGCOM P706	0	1	0
DMC, SSD Code P821B	0	1	0
PM M&HTV PMM 206.1	0	1	0
LOGCOM S1930		1	
15. TOTAL	0	4	0

G. PREPARED BY:	H. DATE	I. APPROVED BY	J. DATE
		BROWN.KENNETH.M.1094257049 Digitally signed by BROWN.KENNETH.M.1094257049 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USMC, cn=BROWN.KENNETH.M.1094257049 Date: 2015.02.10 09:12:23 -05'00'	

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved OMB No. 1704-0188

The Public reporting burden for this collection of information is authorized to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302 and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contract Officer for the contract/PR No. listed in block E.

A. CONTRACT LINE ITEM NO.

B. EXHIBIT D001

C. CATEGORY: TDP ____ TM ____ Other XXX

D. SYSTEM/ITEM: MTVR Armored Cargo Truck

E. CONTRACT/PR No.

F. CONTRACTOR

1. DATA ITEM No.

2. TITLE OF DATA ITEM: Item Unique Identification Marking Plan (IUID) Data Matrix

3. SUBTITLE: IUID

4. AUTHORITY (Data Acquisition Document No.): DI MGMT 81803

5. CONTRACT REFERENCE: PWS Para 5.2 through 5.2.2.2

6. REQUIRING OFFICE: PM (M&HTV)

7. DD 250 REQ.: NO

8. APP CODE: N/A

9. DIST STATEMENT REQUIRED: C

10. FREQUENCY: Monthly

11. AS OF DATE

12. DATE OF FIRST SUBMISSION: See Blk 16

13. DATE OF SUBSEQUENT SUBMISSION: 10th of Month

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
PM (M&HTV)	0	1	0
EXWC, USN		1	
LOGCOM S1930		1	
15. TOTAL	0	3	0

16. REMARKS

Blk 12. . 1st report is due upon completion of first month that the vehicles were completed.

Blk 13.Vendor will provide subsequent monthly reports by the 10th of the following month. Monthly IUID report will report IUID information for any PEI and the sub-assemblies (Class IX) reparable and SECREPS) that require IUID marking, in a parent/child relationship, if applicable. Submit in Microsoft application of the vendor's choice. Report will provide all required human readable information on the data plats and date of information submittal to the DoD registry. Each report will consist of three different tabs: 1) roll up of all related data: 2) USMC specific information and: 3) USN specific information

Blk 14 The CDRL ship to list will be provided as an attachment to the contract.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil

G. PREPARED BY: TAYLOR.TONY.C.1203660860 Digitally signed by TAYLOR.TONY.C.1203660860 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USMC, cn=TAYLOR.TONY.C.1203660860 Date: 2015.02.09 13:58:44 -05'00'

H. DATE

I. APPROVED BY: HANOVICH.ROBERT.LEE.1095936918 Digitally signed by HANOVICH.ROBERT.LEE.1095936918 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USMC, cn=HANOVICH.ROBERT.LEE.1095936918 Date: 2015.02.09 13:47:31 -05'00'

J. DATE

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Page 1 of 1 Pages

Designed using Perform Pro, WHS/DIOR, Aug 96

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT E001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.	2. TITLE OF DATA ITEM: Request for Pre-Induction Checklist	3. SUBTITLE: Pre-Induction Checklist
4. AUTHORITY *(Data Acquisition Document No.)*: DI MGMT 81803	5. CONTRACT REFERENCE: PWS Par 5.18.2	6. REQUIRING OFFICE: PM (M&HTV)
7. DD 250 REQ: NO	9. DIST STATEMENT REQUIRED: C	10. FREQUENCY: Monthly
8. APP CODE: N/A		11. AS OF DATE
		12. DATE OF FIRST SUBMISSION: See Blk 16
		13. DATE OF SUBSEQUENT SUBMISSION: 10th of Month

16. REMARKS

.Block 5. The contractor shall fill out Attachment 5 of the PWS and submit electronic copy to PM M&HTV-LMS and Equipment Specialist by the 10th of the month.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil

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Page 1 of 1 Pages

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CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT F001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.	2. TITLE OF DATA ITEM: Request for Monthly IUID/UII Final Assembly, Checklist,	3. SUBTITLE: Final Assembly Checklist
4. AUTHORITY *(Data Acquisition Document No.)*: DI MGMT 81803	5. CONTRACT REFERENCE: PWS Par 5.18.2	6. REQUIRING OFFICE: PM (M&HTV)
7. DD 250 REQ.: NO	9. DIST STATEMENT REQUIRED: C	10. FREQUENCY: Monthly
8. APP CODE: N/A		11. AS OF DATE
		12. DATE OF FIRST SUBMISSION: See Blk 16
		13. DATE OF SUBSEQUENT Submission: 10th of Month

16. REMARKS

.Block 5. The contractor shall fill out Attachment 6 of the PWS and submit electronic copy to PM M&HTV-LMS and Equipment Specialist by the 10th of month.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil

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CONTRACT DATA REQUIREMENTS LIST
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Form Approved
OMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. Exhibit G001	C. CATEGORY: TDP _____ TM ____ OTHER XXX Production Report
D. SYSTEM/ITEM MTVR Armored Cargo Truck	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.	2. TITLE OF DATA ITEM: DEPOT MAINTENANCE PRODUCTION REPORT	3. SUBTITLE: MONTHLY PRODUCTION REPORT
4. AUTHORITY *(Data Acquisition Document No.)* DI-ALSS 80728A	5. CONTRACT REFERENCE: PWS par 5.18.3	6. REQUIRING Office: MARCORLOGCOM ALB
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED: A	10. FREQUENCY: MONTHLY – 5th
8. APP CODE: A		11. AS OF DATE: SEE BLCK 16
		12. DATE OF FIRST SUBMISSION
		13. DATE OF SUBSEQUENT SUBMISSION: SEE BLCK 16

16. REMARKS

Block 4: Format for production report is provided in the Performance Work Statement (PWS).

The following paragraphs in the DID do not apply: 10.1a. (2), (5), (6), (7), (8), (9), (10), (15), (20), (21), and paragraph 10.1b change part 11 to be included on the production report provided in the Remarks area (Column K.)

Blocks: 10, 12, and 13. The first submittal of this report (Attachment 8) is required on the 5th of every month after contract has been awarded or first asset has been received for maintenance. These monthly reports (Attachment 8) will be sent to e-mail address in an EXCEL spreadsheet format: SMBLOGCOMMMCMSB@usmc.mil.

If DSOR has multiple lines for Marine Corps workload, one consolidated report is requested. Please see below for descriptive information required in USMC's production report.

(1) Block 1, DSOR. Name of depot source of repair.
(2) Block 2, DSOR/Contractor AAC. DoD Activity Address Code.
(3) Column A, MIPR Number/Contract Number. Self explanatory.
(4) Column B, National Stock Number. Self explanatory.
(5) Column C, TAMCN. USMC uses TAMCN to identify principal end-items. Not a mandatory field but preferred if one is provided on contract or Statement of Work.
(6) Column D, Serial Number. Serial Number(s) of equipment being repaired.
(8) Column E, Received not Inducted. Self explanatory.
(9) Column F, Date Inducted. Date item(s) pulled into maintenance.
(10) Column G Washed Out/BER (Beyond economical repair). Self Explanatory.
(11) Column H, Date Completed. Date item(s) restored to serviceable condition.
(12) Column I, Change NSN/Serial Number. If asset is converted or changed due to modification or an engineering change proposal.
(13) Column J, Receipt Document Number. This is to identify document asset shipped to source of repair from Marine Corps.
(16) Column K, Remarks. This is to be used to relay any problems or anticipated problems with contracted workload.
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Carole B Jones		Carole B Jones	

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT H001	C. CATEGORY: TDP _____ TM _____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.	2. TITLE OF DATA ITEM: Request for Monthly IROAN Checklist,	3. SUBTITLE: IROAN Checklist
4. AUTHORITY *(Data Acquisition Document No.)*: DI MGMT 81803	5. CONTRACT REFERENCE: PWS Par 5.18.2	6. REQUIRING OFFICE: PM (M&HTV)
7. DD 250 REQ: NO	9. DIST STATEMENT REQUIRED: C	10. FREQUENCY: Monthly
8. APP CODE: N/A		11. AS OF DATE
		12. DATE OF FIRST SUBMISSION: See Blk 16
		13. DATE OF SUBSEQUENT Submission: 10th of Month

16. REMARKS

.Block 5. The contractor shall fill out Attachment 9 of the PWS and submit electronic copy to PM M&HTV-LMS and Equipment Specialist by the 10th of month.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil.

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Page 1 of 1 Pages

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CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 1704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT I001	C. CATEGORY: TDP _____ TM _____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR
1. DATA ITEM No.	2. TITLE OF DATA ITEM: Request for Monthly List of Secondary Reparable to be IUID/UII Marked	16. SUBTITLE: Secondary Reparable to be IUID/UII Marked
16. AUTHORITY *(Data Acquisition Document No.)*: DI MGMT 81803	16. CONTRACT REFERENCE: PWS Par 5.18.2	16. REQUIRING OFFICE: PM (M&HTV)
16. DD 250 REQ.: NO	16. DIST STATEMENT REQUIRED: C	10. FREQUENCY: Monthly
16. APP CODE: N/A		11. AS OF DATE
		12. DATE OF FIRST SUBMISSION: See Blk 16
		13. DATE OF SUBSEQUENT Submission: 10th of Month

16. REMARKS

Block 5. The contractor shall fill out Attachment 10 of the PWS and submit electronic copy to PM M&HTV-LMS and Equipment Specialist by the 10th of month.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil

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CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT J001	C. CATEGORY: TDP ____ TM ____ Other XXX
D. SYSTEM/ITEM: MTVR Armored Cargo Truck	E. CONTRACT/PR No.	F. CONTRACTOR

1. DATA ITEM No.	2. TITLE OF DATA ITEM	3. SUBTITLE
	Depot Repair Engineering Change Proposal Verification and Application Report,	List of ECPs

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI MGMT 80728A	PWS Par 5.18.2	PM (M&HTV)

7. DD 250 REQ.	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
NO	C	Monthly	See Blk 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A			10th of Month

16. REMARKS

.Block 5. The contractor shall fill out Attachment 11 of the PWS and submit electronic copy to Attn: Deborah Zettlemoyer deborah.zettlemoyer@usmc.mil by the 10th of the month for vehicles completed the previous month.

POCs are robert.hanovich@usmc.mil, tony.taylor@usmc.mil and timothy.haire@usmc.mil

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CONTRACT DATA REQUIREMENTS LIST *(1 Data Item)*	*Form Approved* *OMB No. 0704-0188*

A. CONTRACT LINE ITEM NO.	B. Exhibit K001	C. CATEGORY: TDP _____ TM _____ OTHER DD Form-1348/DD Form 1149/SF 153/MMC Discrepancy Report
D. SYSTEM/ITEM TAMCN D0003 MTVR Cargo Truck	E. CONTRACT/PR NO.	F. CONTRACTOR
1. DATA ITEM NO.	2. TITLE OF DATA ITEM Report of Receipts, Inventory, Adjustments, and Shipments of Government Property	3. SUBTITLE Asset Accountability of Government Property
4. AUTHORITY *(Data Acquisition Document No.)* DI-MGMT-80442	5. CONTRACT REFERENCE PWS paragraph 5.18.3	6. REQUIRING OFFICE MARFORLOGCOM ALB

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	SEE BLOCK 16	SEE BLOCK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
A		SEE BLOCK 16	SEE BLOCK 16

16. REMARKS:

Block 4: Format for Asset Accountability of Government Property is provided in the Performance Work Statement (PWS) as Physical Inventory Document. Also provide copies of receipt and shipping documentation on a DD Form 1348s, DD Form 1149s and SF153s. A format for identifying any discrepancies is also provided in the PWS.

The following paragraphs in the DID do not apply: 10.1, 10.2.2, 10.2.2.1, 10.2.2.2, 10.2.3.1, 10.2.4

Block 10: Physical Inventory Report upon request. (i.e. every 3 years). Copies of receipt and shipping documentation shall be required when transfer of custody occurs. The discrepancy report shall be submitted as discrepancy is identified.

Requirements in paragraphs 10.2.1 and 10.2.3 will disregard references to columns 9 and 13 and use format of reports provided in PWS.

Per the PWS, transfer of custody for the reporting and accountability of government assets will be communicated using the DD Form 1348, DD Form 1149, or SF 153and shall be completed in its entirety containing all required information. All reports and templates are listed in the PWS.

These documents/reports shall be sent electronically to the LOGCOM Maintenance Management Center organizational mailbox SMBLOGCOMMMCMSB@USMC.mil

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G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
1st Lt Stephen Rondone			

DATA ITEM DESCRIPTION
Title: REQUEST FOR DEVIATION (RFD)
Number: DI-CMAN-80640C **Approval Date**: 20000930
AMSC Number: D7389 **Limitation**: N/A
DTIC Applicable: No **GIDEP Applicable**: No
Office of Primary Responsibility: D/DUSD(AT&L)SE
Applicable Forms: N/A

Use, Relationships : A Request for Deviation describes a proposed departure from (a nonconformance
with) the contractually-specified configuration documentation for a specific number of units or for a specified period of time.
A Request for Deviation enables the Government to determine the impact on performance, operational readiness, logistics support or other affected areas.
This Data Item Description (DID) contains the format, content and preparation instructions for the data product resulting from the work task specified in the contract.
Data Item Description submittal in Extensible Markup Language (XML) is acceptable.
An XML Document Type Definition (DTD), associated XML document template, and other information is available from http://www.geia.org/836/
This DID supersedes DI-CMAN-80640B and DI-CMAN-80641B.

Requirements:
1. Reference documents. The applicable issue of any documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. Format and content. The Request for Deviation (RFD) shall be prepared in contractor format. The RFD content shall include the consideration to be provided if the government accepts the deviation and, where applicable, the following information:

a. A complete description of the contract requirement affected and the nature of the deviation (non-conformance).

b. Number of units (and serial/lot numbers) to be delivered in this configuration.

c. Any impacts to logistics support elements (such as software, manuals, spares, tools, and similar) being utilized by government personnel or to the operational use of the product.

d. Information about remedial actions being taken to prevent reoccurrence of the non-conformance.

The following references may be useful in defining content: MIL-HDBK-61, Configuration Management Guidance (paragraph 4.3 and Table 4-9) and ANSI/EIA-649-2011, National Consensus Standard for Configuration Management (paragraph 5.3.4).

END OF DI-CMAN-80640C.

DATA ITEM DESCRIPTION
Title: ENGINEERING CHANGE PROPOSAL (ECP)
Number: DI-CMAN-80639C **Approval Date**: 20000930
AMSC Number: D7388 **Limitation**: N/A
DTIC Applicable: No **GIDEP Applicable**: No
Office of Primary Responsibility: D/DUSD(AT&L)SE **Applicable Forms**: N/A

Use, Relationships: An Engineering Change Proposal (ECP) provides the documentation in which the engineering change is described. It includes change impacts to systems, configuration items and other associated configuration documentation affected by the proposed change. In addition, it typically describes how the proposed change will be implemented along with providing estimated schedules and associated costs. This Data Item Description (DID) contains the format, content and preparation instructions for the data product resulting from the work task specified in the contract. This DID is used in conjunction with a Notice of Revision (NOR) (DI-CMAN-80642B). A requirement for NORs should be contractually imposed in conjunction with this DID. Data Item submittal in Extensible Markup Language (XML) is acceptable. An XML Document Type Definition (DTD), associated XML document template, and other information is available from http://www.geia.org/836/ This DID supersedes DI-CMAN-80639B.

Requirements:
1. Reference documents. The applicable issue of any documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. Format and content. The Engineering Change Proposal (ECP) shall be prepared in contractor format. The ECP content shall include, where applicable, the following information:

a. The change priority, change classification, and change justification.

b. A complete description of the change to be made and the need for that change.

c. Complete listing of other configuration items impacted by the proposed change. and a description of the impact on those CIs.

d. Proposed changes to documents controlled by the government.

e. Proposed serial (or lot) number effectivities of units to be produced in, or retrofitted to, the proposed configuration.

f. Recommendation about the way a retrofit should be accomplished.

g. Impacts to any logistics support elements (such as software, manuals, spares, tools, and similar) being utilized by government personnel in support of the product.

h. Impacts to the operational use of the product.

i. Complete estimated life-cycle cost impact of the proposed change.

j. Milestones relating to the processing and implementation of the engineering change.

DI-CMAN-80639C
The following references may be useful in defining content: MIL-HDBK-61, Configuration Management Guidance (paragraph 4.2 and Table 4-6) and ANSI/EIA-649-2011, National Consensus Standard for Configuration Management (paragraph 5.3.1).
END OF DI-CMAN-80639C.

DATA ITEM DESCRIPTION
Title: CONFIGURATION STATUS ACCOUNTING
Information Number: DI-CMAN-81253A
AMSC Number: D7396 Limitation N/A
DTIC Applicable: NoGIDEP Applicable: No
Office of Primary Responsibility: D/DUSD(AT&L)SE
Applicable Forms: N/A Approval Date: 20000930

Use, Relationships: The Configuration Status Accounting (CSA) information provides details about the current configuration of items being developed for and/or used in the DoD inventory; about documentation and identification numbers relating to those items; and about changes to the items and their configuration documentation. This information is needed to manage and support those items during their life cycle.

This Data Item Description (DID) contains the format, content and preparation instructions for the data product resulting from the work task specified in the contract. This Data Item Description (DID) contains the delivery requirements for CSA information; the format for delivery, either in hard copy or electronic form, must be specified in the contract.

Data Item Description submittal in Extensible Markup Language (XML) is acceptable. An XML Document Type Definition (DTD), associated XML document template, and other information is available from http://www.geia.org/836/

This DID supersedes DI-CMAN-81253.

Requirements:
1. Reference documents. The applicable issue of the document cited herein, including its approval date and the date of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. Format and content. CSA information shall be provided in contractor's format. The content shall include, where applicable, information about the following:

a. Specifications generated for this project.

b. Drawings generated for this project.

c. Software listings generated for this project.

d. Supporting documents (such as test procedures, reports, analyses) generated as a part of this project.

e. Special identifiers utilized to "tag" parts, assemblies, software, used in the product.

f. Listings of parts installed in each serial-numbered product as delivered and as

changed through maintenance and modification activities.

g. Engineering changes and their implementation activities.

h. Deviations and activities related to obtaining the consideration i. configuration audit action items and their closeout.

j. For each project document, organizations performing the roles of Current Document Change Authority, Application Activity, and Document Custodian.

The following references may be useful in defining content: MIL-HDBK-61, Configuration Management Guidance (in the CSA sections of Tables 2-1, 2-2, 2-3, and 2-4 and in paragraph 5 and Table 5-1) and ANSI/EIA-649-2011, National Consensus Standard for Configuration Management (paragraph 5.4) may be used to select/describe the detailed information elements.

END OF DI-CMAN-81253A.

DATA ITEM DESCRIPTION
Title: Item Unique Identification (IUID) Marking Plan
Number: DI-MGMT-81803 Approval Date: 20110719
AMSC Number: 9124 Limitation: N/A
DTIC Applicable: No GIDEP Applicable: No
Office of Primary Responsibility: 70 (OO-ALC)
Applicable Forms: N/A

Use/relationship: The Item Unique Identification (IUID) Marking Plan details the Contractor's strategy to execute marking requirements identified in the Government Performance Work Statement (PWS)/Objectives, and/or Defense Federal Acquisition Regulation Supplement (DFARS). The Plan fully documents the scope of meeting MIL-STD-130_ DoD Standard Practice Identification Marking of U.S. Military Property, with the Contractor's marking requirements, marking methodology/strategy, data management, quality assurance, facilities and marking equipment, technical data package requirements, data carrier symbols and print quality, and the master schedule to help the Government manage marking activities in a cost effective and timely manner. To ensure quality, validation, verification, and registration of items being marked, guidance may be gained from two documents: DoD Guide to Uniquely Identifying Items (Assuring valuation, Accountability and Control of Government Property) and DoD Guide to Item Unique Identification Quality. If the quality measuring methodology is non-responsive for desired marking methods, quality levels will be identified within this plan.
This Data Item Description (DID) contains format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. This DID may be applied in any contract which contains a requirement for marking parts and equipment with IUID Data Matrix symbols.
Requirements:
1. Reference documents: The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, will be as cited online at Acquisition Streamlining and Standardization Information System (ASSIST) Update at the time of the solicitation.
2. Format. Contractor's format is acceptable.
3. Content. The Marking Plan will cover the following elements:
3.1 Describe the minimum item marking requirements
3.2 List/Detail items/assets to be marked within the scope of the plan.
3.3 Marking Methodology/Strategy
3.3.1 Describe which type of marking methodology will be used (i.e., Direct or Indirect Part Marking, Data Plate Modification, etc.).
3.3.2 Describe the Imprint Method / Type of Label / Nameplate (i.e., Chemical Etch, Dot Peen, Laser, Thermal Transfer, Ink Jet, Photo Etch, etc.).
3.3.3 Marking Specifications.
3.3.3.1 Identify applicable engineering drawings requiring IUID marking.
3.3.3.2 Machine Readable Mark Generation Instructions.
3.3.3.2.1 Define the construct method (i.e. Construct 0, Construct 1, - 18S, 25S, or Construct 2 – 1P 1T.
3.3.3.2.2 Determine the Enterprise Identifier (EID) (i.e. Cage, DUNS, DoDACC/MAPAC, or

GS1).
3.3.3.2.3 Determine the level of serialization (i.e., Part, Lot, Batch, Enterprise, etc.).
3.3.3.2.4 If using Construct 1 – 18S, identify the sequence number generation process.
3.3.3.2.5 Determine other data elements required in the data matrix symbol (30P and 30T).
3.3.3.3 Determine the Human Readable Mark Generation elements to be included on the label.
3.3.3.4 For labels/nameplates, identify which type of material will be used for the creation of the Mark (i.e., Aluminum, Polyacrylic, Metal Foil, Polyester, Polyvinyl, Aluminum Foil, Stainless Steel, etc.).
3.3.3.5 Describe the overall layout of the Mark including (Reference Tech Data as applicable).
3.3.3.5.1 Size (Length, Width, Thickness, etc.).
3.3.3.5.2 Shape (Circle, Square, Rectangle, Rounded Corners, etc.).
3.3.3.5.3 Layout/Order (Location of Human and Machine Readable elements).
3.3.3.5.4 Marking Location on Asset .
3.3.3.5.5 Type of Lettering (Font, Font Size, Color, etc.).
3.3.3.5.6 Attachment Method (Adhesive, Screws, Rivets, Tags, Bag and Tag, Tags and Bands, etc.). For Tag, and Bag/Band and Tag items, provide evidence of why part could not be marked and Government concurrence.
4. Describe the contractor's process for marking legacy parts, Government Furnished Property (GFP), and Property in Possession of Contractor (PIPC) including tooling.
4.1 Data Management.
4.1.1 Describe the systems required to incorporate Serial Number Tracking (SNT) and Parent/Child relationship if any and communicate the IUID data to the Program Manager.
4.1.2 Describe the contractors process/systems required to assign Unique Items Identifiers (UIIs) and register Unique Identification (UID) information to the Department of Defense IUID Registry.
4.1.3 Describe the contractors process/system used to identify and track all warranted items i.e. all items with an extended warranty (more than just the standard contract time and workmanship), provide length of warranty, and date entered service (i.e. via WAWF). Describe how the contractor will mark/use the IUID data on the package and shipping containers.
4.2 Quality Assurance.
4.2.1 Describe the verification process and any sampling techniques which ensure the Machine Readable Information (MRI) complies with applicable standards as prescribed in MILSTD-130_.
4.2.2 Identify a format for reporting verification results to include pass/fail and any acceptance criteria from MIL-STD-130_ in paragraph 5 titled Data Matrix symbol quality.
4.2.3 Describe the process for identifying and reporting deficiencies in the mark properties, as well as repair and replacement procedures.
4.2.4 Include UID Contract Data Requirements List (CDRLs) as part of the surveillance method or Quality Assurance processes.
4.2.5 Describe the contractors process used to document UII marking of legacy parts that an IUID Engineering Assessment completed when they are returned to the depot for repair, i.e., Repair Receiving Report (R3).
4.3 Facilities and Marking Equipment.
4.3.1 Describe the facilities, marking equipment, floor space, utilities, environmental and

safety elements, etc. required to meet marking requirements on a production basis.
4.4 Technical data package requirements.
4.5 Master Schedule.
5.0 End of DI-MGMT-81803

DATA ITEM DESCRIPTION

Form Approved OMB No. 0704-0188

1. TITLE	2. IDENTIFICATION NUMBER
Depot Maintenance Production Report	DI-ALSS-80728A

3. DESCRIPTION/PURPOSE

3.1 The depot maintenance production report is a two-part report which provides the government with monthly maintenance production figures, status of assets at the contractor facility, anticipated production for the next month, and a summary of unresolved problems at the end of the report period.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
970124	F/AFMC-FM		

7. APPLICATION/INTERRELATIONSHIP

7.1 This data item description contains the format, content and preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This data item description may be used on any depot level maintenance contract.

7.3 This DID supersedes DID DI-ILSS-80728.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
	AFMC Form 413	F7225

10. PREPARATION INSTRUCTIONS

10.1 Content and format. This report shall be on an Air Force Materiel Command Form 413, Depot Maintenance Production Report. The report shall consist of two parts and contain data as follows:

a. Part I.

(1) As of date. The year, month and day applicable to the report. Data must be through the end of the month.

(2) Block 1, Air Force management code. The Federal Supply Class (FSC) and the Materiel Management Code (MMC) when appropriate.

(3) Block 2, Contractor and activity address code (AAC). The name of the business and the DOD activity address code (AAC) assigned to you for shipment of material.

(4) Block 3, Contract number. Contract number.

(5) Block 4, Item manager Air Logistics Center (IM ALC). The applicable account code of the prime ALC.

(6) Block 5, Contracting ALC or AFMC procuring agency. The designation of the agency that awarded the contract.

(7) Block 6, Contract administration office (CAO). The office designated as CAO in the contract.

(8) Column A, item identification. The national stock number (NSN) of the item being reported.

(9) Column B, call number. When the awarded contract is a call (order) type,

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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Previous editions are obsolete.

Page 1 of 2 Pages

Block 10, Preparation Instructions (Continued)

this is the applicable call number. When an item is awarded on more than one call, it is repeated for each call until completed. If the current report completes the call, the word "completed" is in the blank block.

(10) Column C, C/ELIN. The contract exhibit line item number assigned to the NSN in the contract.

(11) Column D, quantity on contract or call. D-1 is the quantity of the end items to be repaired on each call or contract quantity when calls do not apply. D-2 is the quantity scheduled for repair during the quarter including the report month. D-3 is the quantity scheduled for repair cumulative to date.

(12) Column E, reparables received. Number of reparable items received for repair. E-1 is the quantity of reparables received during the report month. E-2 is the quantity of reparables received cumulative from the start of contract through report month.

(13) Column F, quantity inducted to work. The quantity inducted to work during report month.

(14) Column G, quantity produced . The quantity produced during the month.

(15) Column H, serviceables shipped. Serviceables shipped from repair facility. H-1 is the serviceables shipped through report month. H-2 is serviceables shipped cumulative from start of contract.

(16) Column I, serviceables on hand. The quantity of reparables on hand awaiting input or condemnation.

(17) Column J, reparables on hand. The number of reparables on hand awaiting input or condemnation.

(18) Column K, reparables shipped. The reparables shipped during report month.

(19) Column L, quantity condemned. The quantity condemned. L-1 is the quantity condemned during report month. L-2 is the quantity condemned cumulative from start of contract.

(20) Column M, forecast in to work. The number of items scheduled to be input to work during next month.

(21) Column N, forecast to complete. The quantity of items scheduled to be completed next month.

b. Part II, production problems. The report shall contain a second part in narrative format which shall be attached to the Air Force Materiel Command Form 413. This part is required if:

(1) Previous reports production forecast was not shipped.
(2) Current forecast does not equal contract scheduled quantity.
(3) Contract anticipates a problem in the near future.

DATA ITEM DESCRIPTION

Title: Report of Receipts, Inventory, Adjustments, and Shipments of Government Property
Number: DI-MGMT-80442 **Approval Date:** 17 SEPT 1987
AMSC Number: A421B **Limitation:** N/A
DTIC Applicable: No **GIDEP Applicable:** No
Office of Primary Responsibility:
Applicable Forms: N/A

Use/relationship:

This report provides data regarding receipt, balance on-hand, adjustment and shipment c Government property. (Accountability for assets is retained by the Government.)

This report provides documents required to (a) support adjustment of property and financial inventory accountings records and (b) provide information as a basis for claims.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract.

This DID is applicable when contractors are responsible for maintaining custodial records for Government property being repaired.

Requirements:

Format. The report shall be in the following format:

Contract Number

1	2	3	4	5	6	7
NSN RECD	RELATED NSN	DOCUMENT NUMBER	SERIAL NUMBER	QTY RECEIVED	DATE RECEIVED	BALANCE ON-HAND

8	9	10	11	12	13	14
CONDITION CODE	NSN SHIPPING	QTY SHIPPED	DATE SHIPPED	SHIPMENT NUMBER	SDJUSTMENT QTY (+/-)	EXPLANATION GAIN/LOSS

15
REMARKS

Content. All Government reparable on-hand as of close of business of the period specified in the DD Form 1423 and all assets received and shipped during the period shall be included in the report. The content of the report shall be as follows:

Change in National Stock Number (NSN). If asset is received under one NSN and modified to another configuration, the new NSN shall be reported in Column 9.

Component disassembly or reassembly.
If a stock-numbered component is removed from the item being repaired and not reassembled to the repairable, only the following columns of data shall be reported:

a. Col 1 – NSN of the component removed.

b. Col 2 – NSN of the asset from which the component was removed.

c. Col 3 – Document number of the repairable from which the component was removed.

d. Col 4 – Serial number of the repairable from which the component was removed, if applicable.

e. Col 5 – Quantity removed

f. Col 15 – Receipt from component disassemble.

When a stock-numbered component removed from one repairable is being reassembled to another repairable, the following shall be reported. It may be combined with the entry for removal of the component.

a. Col 1 – NSN of the component utilized.

b. Col 9 – NSN of the repairable asset upon which the component was utilized.

c. Col 10 – Quantity of the component utilized.

d. Col 11 – Date utilized.

e. Col 12 – Document number of the repairable upon which the component was utilized.

f. Col 15 – Issue to component assembly.

Inventory. Should contractor custodial records require an adjustment following a physical inventory, the quantity adjusted (+ or -) shall be reported in col 13 of the report for that period.

Should col 13 be utilized to report an adjustment quantity, the circumstances of the loss or gain shall be explained in col 14.
Report dates. Ordinal dates shall be used for report dates. The Ordinal date is comprised of the last two digits of the calendar year and the Julian day of the year. Example: 30 Jan 87 shall be written as 870730

End of DI-MGMT-80442